



# **Handbook of Alloys Significant to Export Control Commodities**

March 2012

PNNL-SA-60719  
Revision 4.1





# Handbook of Alloys Significant to Export Control Determinations

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The Metals Handbook is meant to be a field guide for assisting enforcement officials in recognizing controlled commodities. It should not be used to make licensing decisions. Officials must confirm alloy properties and control language from the appropriate references.

## Introduction

Metal alloys are, for the most part, visually similar, and differentiating rare controlled alloys from common industrial grade alloys can be difficult. Not only are some alloys themselves export controlled, but controls on certain commodities are in part based on their alloy of construction. Even when alloys are properly identified on the associated shipment paperwork, it is often difficult to determine if a commodity meets a control specification because of the multitude of alloy nomenclatures. In addition, the associated control language seldom specifies alloys by name. Rather, other characteristics of the alloy determine if it is controlled (e.g., high strength aluminium in certain tubular configurations). Enforcement personnel face a difficult challenge in attempting to prevent illicit shipments of commodities controlled, at least in part, based on their material of construction.

This handbook is intended to assist field officers in determining whether a commodity made of a particular alloy may be subject to export control regulations based upon EU Commerce Control List. These includes controls derived from the Missile Technology Control Regime (MTCR), Nuclear Suppliers Group (NSG), Australia Group (AG), and Wassenaar Arrangement (WA). A list of potentially controlled alloys was developed by comparing the control lists published by these export control regimes against the characteristics of commercially available alloys. Due to the large number of alloy designations, the handbook does not include every possible controlled alloy. A few alloys are controlled by themselves but most are controlled as a material of construction for commodities controlled by the multilateral export control regimes.

This handbook provides a cross-reference between alloy names and control list requirements, but cannot be used by itself to determine if a commodity is controlled. There are inherent limitations to the handbook; it does not include all commodities whose controls are associated with materials of construction, nor does it include all possible alloys that may meet a particular control list specification. Control determination will depend on comparing the characteristics of the commodity against the actual control language, either in the national control list and/or against the appropriate regimes' control specification.

Export controls for items made of metal or containing metal can be grouped into four broad categories:

- **Unspecified Forms**  
Controls which apply only to the material itself. The items made of these materials are controlled regardless of the size, shape or form (i.e., can be in any form).
- **Crude or semi-fabricated forms**  
Controls which apply to metal items which are not finished products, but are controlled in their crude or semi-fabricated forms (e.g., high strength aluminium in a golf club shaft would not be controlled, but in an ingot it might be).
- **Metallic powders**  
Controls which apply to powders of certain size and quality specifications and made of certain metals.
- **Finished Products**  
Controls that apply to a short list of manufactured goods provided in a specific form, size and/or capacity, and made of certain metals. I.e., a commodity that meets other control specifications may be controlled if it is made of a specific metal.
  - Agitators
  - Bearing or Bearing Systems
  - Crucibles
  - Distillation or absorption columns
  - Filling equipment
  - Heat exchangers or condensers

- Incinerators
- Pumps, multiple seal and seal-less
- Multi-walled piping
- Pressure Sensors
- Reaction vessels
- Sheet metal or plates
- Tanks
- Tubes or tubing
- Valves

Collectively these Finished Product groups coupled with the other classifiers (e.g., Unspecified Forms, Crude Forms, etc.) are known as “Commodity Type” for use in the Metals Handbook.

Limitations of the handbook include:

- 1) Does not include commodities whose controls are derived from other international arrangements or under unilateral controls.
- 2) Does not include items from the NSG Trigger List (TL). The NSG TL is illustrative in nature. In general, the NSG TL commodities are controlled regardless of the material of construction. When material of construction is provided in the NSG TL control language it is an example and not part of the control specification.
- 3) Does not include controls associated with parameters for which alloy specifications are not commonly published (e.g., magnetic permeability, stress-rupture life, low cycle fatigue life).
- 4) Does not include uncommon, proprietary, and industry-specific alloy names. With hundreds of national, organizational, and vendor specific alloy standards, it is impossible to list all alloys meeting all control specifications.

The Metals Handbook is meant to be a field guide for assisting enforcement officials in recognizing controlled commodities. It should not be used to make licensing decisions. Officials must confirm alloy properties and control language from the appropriate references.

## Usage Guide and Examples

In general, inspectors in the field know the type of commodity they are inspecting. For example, an inspector knows if he/she is looking at a collection of tubes, raw ingots, a tank, etc. To use this handbook, he/she must also know the material of construction for the commodity. This can be obtained from a variety of sources, including manifest information, nameplate data, contacting the vendor/shipper, or through testing with portable metal analyzers. This handbook is structured for use by inspectors with the following sets of information:

- 1) Start in Table 1 with material of construction, then match to commodity in Table 2. See examples 1 – 4.

General notes on usage of the handbook:

- a) Alloy names are often spelled many different ways. For example, “Stainless Steel 316” may be listed in a manifest or technical specifications as: 316 SS, SS 316, SS316, 316SS, 316-SS, AISI 316, SS-316 or just 316. Users of the handbook can expect to see alloys listed with various spellings and spacing between parts of an alloy’s name.
- b) In general, the tables can look intimidating. Many alloys are controlled for more than one commodity and some commodities are linked to more than one control. When you find the alloy you want, study the entry carefully and follow each link to the actual control language to gain a complete understanding of controls and how they apply to a specific commodity.

**Example 1:** 80 mm tube manifested as made from “ALBEMET 162”

- 1) Check to see if “ALBEMET 162” is listed in Table 1.
- 2) “ALBEMET 162” is listed. It is a beryllium alloy with more than 50% beryllium.
- 3) “ALBEMET 162” is linked to the following commodities and controls, “Bearings or bearing systems (2A001.a, Ni>25, see page 226), Unspecified forms (1C230, Be>50, see page 225)”
- 4) Look up the controls 2A001 and 1C230 in Table 2. There are several exceptions listed in the control language for both controls. This commodity is not part of a bearing system so 2A001 does not apply. This commodity matches the requirements of 1C230.

**Example 2:** Heat exchanger with 10 m<sup>2</sup> of surface area, manifested as made from “AMDRY 723”

- 1) Check to see if “AMDRY 723” is listed in Table 1.
- 2) “AMDRY 723” is listed. It is a nickel alloy with more than 60% nickel.
- 3) “AMDRY 723” is linked to the following commodities and controls, “Chem Equip (2B350, Ni>40 see page 207), Pressure sensors (2B230.a, Ni>60, see page 228), Valves (2A226, Ni>60, see page 227)”
- 4) Go to page 207 and used the cross reference table to find the control for Heat Exchangers and Ni>40. That control is 2B350.d.5. located on page 229.
- 5) Go to page 229 and compare the commodity description and specifications against this heat exchanger.
- 6) This commodity matches the requirements for 2B350.d.5.

**Example 3:** *Billets manifested as made from “AM3765”*

- 1) Check to see if “AM3765” is listed in Table 1.
- 2) “AM3765” is not an alloy included in this handbook. Additional research is required to determine if “AM3765” is controlled and for what commodities.

Note: It is recommended that before investing time to determine the characteristics of “AM3765,” thoroughly research the commodity identification, determine if any controls might apply and if they include specifications for material of construction. See Table 2.

**Example 4:** *Turboexpander manifested as made from “316 SS”*

- 1) Check to see if “316 SS” is listed in Table 1.
- 2) “316 SS” is listed as “Does not meet requirements of any control in Table 2”
- 3) No commodity export control specifications include “316 SS” as part of their control specification. However, turboexpanders are controlled under 1B232 which applies no matter what the material of construction. 1B232 is not listed in Table 2 since it does not specify a material of construction.

Note: This example illustrates that most controlled commodities do not include material of construction as part of their control specification. This handbook is only valid for those commodities listed in Table 2.

## Glossary

Term	Definition
AG	Australia Group
Al	Aluminium, Element, Atomic Number 13
Alloy	Combination of a metallic element with one or more other elements
Alloy Type	Generally, alloys are known by the element that has the highest percentage in the alloy content. For example, Zirconium alloys have more Zirconium than any other element. Other alloys may be known by common industry names (e.g., Brass, Steel, Monel, etc.)
Be	Beryllium, Element, Atomic Number 4
Bi	Bismuth, Element, Atomic Number 83
Commodity	Items that are bought, sold, and shipped. Can be a crude form (e.g., an ingot of hafnium), semi-fabricated (e.g., partially machined aircraft part), or a fabricated (manufactured) product (e.g., heat exchanger)
Commodity Type	For the purposes of this handbook different commodities have been grouped into common, field recognizable groups (e.g., tubes, valves, heat exchangers, etc.)
CPC	Customs Procedure Codes (CPC)
Cr	Chromium, Element, Atomic Number 24
Crude Form	Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, bricks, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks, etc.
DUL	Dual-Use List
Element	Any substance that cannot be broken down into a simpler one by a chemical reaction. Elements consist of atoms with the same number of protons in their nucleus. Ninety-two occur naturally on Earth (e.g., hydrogen, oxygen, copper, iron, zirconium)
EU	European Union
GPa	Gigapascal. One billion pascals
Hf	Hafnium, Element, Atomic Number 72
HS	The International Harmonized Commodity Description and Coding System
ISO	International Standards Organization
Mo	Molybdenum, Element, Atomic Number 42
MPa	Megapascal. One million pascals
MS	Maraging Steel
MTCR	Missile Technology Control Regime
Nb	Niobium, Element, Atomic Number 41. Also known as Columbium
Ni	Nickel, Element, Atomic Number 28
NSG	Nuclear Suppliers Group
Pascal	Metric unit of pressure, internal pressure, stress, Young's modulus, and tensile strength. It is a measure of force per unit area (i.e., one newton per m <sup>2</sup> )
Semi-Fabricated	Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomizing, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire; and cast material produced by casting in sand, die, metal, plaster or other types of molds, including high pressure castings, sintered forms, and forms made by powder metallurgy
SS	Stainless Steel



Ta	Tantalum, Element, Atomic Number 73
Ti	Titanium, Element, Atomic Number 22
TL	Trigger List
TS	Tool Steel
UD	Undetermined
UNS	Unified Numbering System for Metals and Alloys
Unspecified Form	Some alloys are controlled regardless of their form. Control language often lists these as "compounds, manufactures thereof, waste or scrap"
USA	United States of America
UTS	Ultimate Tensile Strength
W	Tungsten, Element, Atomic Number 74. Also known as Wolfram
Zr	Zirconium, Element, Atomic Number 40



**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
0.2014	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
0.2024	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
0.6003	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
0.7075	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
0.9980	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
0.9990	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
0.9995	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
0.9998	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
0.9999	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
0Ch23N28M3D3T	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
0H22N24MATCu	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
0H23N28M3TCu	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
1 1-4 Cr	alloy steel	Does not meet requirements of any control in Table 2
1.4529	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
1.4537	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
1.4563	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
10A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
10B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
10TiAlCrNi320	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
10V-2Fe-3Al	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
10W-TA	tantalum	Chem Equip (2B350, Ta>50, see page 207)
11	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
11.5Mo-6.0Zr-4.5Sn	titanium	Chem Equip (2B350, Ti>50, see page 207)
11A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
11B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
11D	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
11E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
11F	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
11H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
11I	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
12A	iron	Chem Equip (2B350, Ni>40, see page 207)
12L14	carbon steel	Does not meet requirements of any control in Table 2
13.5V-11Cr-3.0Al	titanium	Chem Equip (2B350, Ti>50, see page 207)
13.5V-11Cr-3Al	titanium	Chem Equip (2B350, Ti>50, see page 207)
13-8 Mo	stainless steel	Does not meet requirements of any control in Table 2

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
13A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
13B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
1420	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
14A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
14E	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
14F	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
14G	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
15-5 PH	stainless steel	Does not meet requirements of any control in Table 2
15Mn7Cr	iron	Does not meet requirements of any control in Table 2
17252	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
17253	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
17-4 PH	stainless steel	Does not meet requirements of any control in Table 2
17-4PH	stainless steel	Does not meet requirements of any control in Table 2
17-7 PH	iron	Does not meet requirements of any control in Table 2
17705	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
18Ni	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
19-9DL	stainless steel	Does not meet requirements of any control in Table 2
19-9DX	stainless steel	Does not meet requirements of any control in Table 2
1A	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
1A/1B	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
1B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
1C	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2 1-4 Cr	alloy steel	Does not meet requirements of any control in Table 2
2 D-H ALLOY	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2 D-H ALLOY TI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.0842	copper	Chem Equip (2B350, Ni>40, see page 207)
2.4036	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4038	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
2.4040	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4042	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4050	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4051	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4052	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4053	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4060	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4061	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4062	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4066	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4068	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4106	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4108	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
2.4110	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4116	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4122	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4128	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4360	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4374	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4375	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4420	nickel	Chem Equip (2B350, Ni>40, see page 207)
2.4472	nickel	Chem Equip (2B350, Ni>40, see page 207)
2.4475	nickel	Chem Equip (2B350, Ni>40, see page 207)
2.4478	nickel	Chem Equip (2B350, Ni>40, see page 207)
2.4480	nickel	Chem Equip (2B350, Ni>40, see page 207)
2.4486	nickel	Chem Equip (2B350, Ni>40, see page 207)
2.4500	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4520	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4537	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4540	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4602	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4640	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4658	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4810	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4811	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
2.4815	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4816	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4851	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4856	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4858	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
2.4867	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4869	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4870	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4872	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4889	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
2.4951	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4952	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2.4969	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
20 MO-4 STAINLESS	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
2003	iron	Does not meet requirements of any control in Table 2
2007	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
201	stainless steel	Does not meet requirements of any control in Table 2
201.0	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2011	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2014	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
2014A	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
2014A clad	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
2014Alclad	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2017	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2018	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2021	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
2024	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
2024-plus	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
203	stainless steel	Does not meet requirements of any control in Table 2
205	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2098-2195	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
20Cb3	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
20CB-3	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
20CB-3 STAINLESS	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
20Ch21N46W8RL	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
20MgNiA	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
20MgNiB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
20Mo4	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
20Mo6	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
20MO-6 HS STAINLESS	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
20MO-6 STAINLESS	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
2101	iron	Does not meet requirements of any control in Table 2
2117	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2124	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
21-6-9	stainless steel	Does not meet requirements of any control in Table 2
2195	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2205	stainless steel	Does not meet requirements of any control in Table 2
2219	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
2219-2519	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
2304	iron	Does not meet requirements of any control in Table 2
24345	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
245 ALLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
24530	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2507	iron	Does not meet requirements of any control in Table 2
2519	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
25-4-4	stainless steel	Does not meet requirements of any control in Table 2
254SMO	stainless steel	Does not meet requirements of any control in Table 2
2562	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
2564	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
2584	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
26-1	stainless steel	Does not meet requirements of any control in Table 2
2618	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2618A	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
29-4	stainless steel	Does not meet requirements of any control in Table 2
29-4-2	stainless steel	Does not meet requirements of any control in Table 2
29-4C	stainless steel	Does not meet requirements of any control in Table 2
2a	wolfram	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Tubes (1C226, W>90, see page 225) Valves (2A226, Ni>60, see page 227)
2b	wolfram	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Tubes (1C226, W>90, see page 225) Valves (2A226, Ni>60, see page 227)
2C	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2CuMoCrNi250	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
2HC203	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HC204	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
2HC207	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HC208	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HC209	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HC210	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HC211	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 202	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 401	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 501	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 502	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 503	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 504	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2HR 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
2L 508	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
2L 77	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
2L 88	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
2TA1	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA11	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
2TA12	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
2TA13	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
2TA110	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
2TA2	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA21	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA22	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA23	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA24	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA28	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
2TA3	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA4	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA5	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA6	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA7	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA8	titanium	Chem Equip (2B350, Ti>50, see page 207)
2TA9	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.0821/V-A1B3	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
3.0831/V-A1B4	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
3.0841/V-AlBe5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
3.5002	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
3.5003	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
3.5200	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
3.7024	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
3.7025	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7025.10	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7025.26	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7031	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7032	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7034	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
3.7035	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7035.10	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7035.26	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7051	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7052	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7055	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7055.10	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7055.26	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7065	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7065.10	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7065.26	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7101	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7105	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7110	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7111	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7114	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7115	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7141	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7144	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7151	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
3.7161	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7165	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
3.7174	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7175	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
3.7185	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
3.7225	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7235	titanium	Chem Equip (2B350, Ti>50, see page 207)
3.7255	titanium	Chem Equip (2B350, Ti>50, see page 207)

## 3.

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
3.7264	titanium	Chem Equip (2B350, Ti>50, see page 207)
3003 or 4 or 5	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
3004	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
3005	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
302HQ	iron	Does not meet requirements of any control in Table 2
304	stainless steel	Does not meet requirements of any control in Table 2
304L	stainless steel	Does not meet requirements of any control in Table 2
309	stainless steel	Does not meet requirements of any control in Table 2
310	stainless steel	Does not meet requirements of any control in Table 2
311C11	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
316	stainless steel	Does not meet requirements of any control in Table 2
316L	stainless steel	Does not meet requirements of any control in Table 2
317	stainless steel	Does not meet requirements of any control in Table 2
317L	stainless steel	Does not meet requirements of any control in Table 2
321	stainless steel	Does not meet requirements of any control in Table 2
329	stainless steel	Does not meet requirements of any control in Table 2
330	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
330C12	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
3310	iron	Does not meet requirements of any control in Table 2
331C40	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
331C60	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
332C11	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
334C11	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
347	stainless steel	Does not meet requirements of any control in Table 2
355.2	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
355-2	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
35Ch18N24S2L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
35Ni-20Cr	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
363	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
364	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
364C11	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
3Al-13V-11Cr	titanium	Chem Equip (2B350, Ti>50, see page 207)
3Al-2.5V	titanium	Chem Equip (2B350, Ti>50, see page 207)
3Al-6Cr-4Mo-4Zr	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
4032	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
410	stainless steel	Does not meet requirements of any control in Table 2
410 Cb	stainless steel	Does not meet requirements of any control in Table 2
410-16-20	stainless steel	Does not meet requirements of any control in Table 2
4120	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
4130	iron	Does not meet requirements of any control in Table 2
4140	stainless steel	Does not meet requirements of any control in Table 2
4163	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
422	stainless steel	Does not meet requirements of any control in Table 2
422951	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
422955	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
422956	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
430	stainless steel	Does not meet requirements of any control in Table 2

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
431	stainless steel	Does not meet requirements of any control in Table 2
4338-06	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
434	stainless steel	Does not meet requirements of any control in Table 2
4340	stainless steel	Does not meet requirements of any control in Table 2
440	stainless steel	Does not meet requirements of any control in Table 2
441	stainless steel	Does not meet requirements of any control in Table 2
446	stainless steel	Does not meet requirements of any control in Table 2
4604	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
5 Cr	alloy steel	Does not meet requirements of any control in Table 2
5052-plus	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
5086	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
5086-plus	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
50Ag-50Ni	silver	Chem Equip (2B350, Ni>40, see page 207)
50MgNiA	magnesium	Chem Equip (2B350, Ni>40, see page 207)
50MgNiB	magnesium	Chem Equip (2B350, Ni>40, see page 207)
534	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
5454	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
5A	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
5Al-2.5Sn	titanium	Chem Equip (2B350, Ti>50, see page 207)
5Al-2Sn-2Zr-4Cr-4Mo-0.100	titanium	Chem Equip (2B350, Ti>50, see page 207)
5B	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
5C	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
5D	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
6 X	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
6.0Al-2.0Sn-4.0Zr-2.0Mo	titanium	Chem Equip (2B350, Ti>50, see page 207)
6.0Al-2.0Sn-4.0Zr-6.0Mo	titanium	Chem Equip (2B350, Ti>50, see page 207)
6040	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
6061	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
6070	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
60Ag-40Ni	silver	Chem Equip (2B350, Ni>40, see page 207)
60Ni-16Cr	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
60Sn-40Pb	tin	Does not meet requirements of any control in Table 2
6110	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
62 BE-38AL	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
6253	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
6262	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
635Sn-37Pb	tin	Does not meet requirements of any control in Table 2
654SMO	iron	Does not meet requirements of any control in Table 2
66.5Ni-2.9Al-30Cu	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
66.5Ni-3.0Al-0.62Ti-28Cu	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
67Ni-30Cu	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
67Ni-30Cu-0.04S	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
67Ni-31Cu	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
6Al-25n-4Zr-2Mo-0.08Si	titanium	Chem Equip (2B350, Ti>50, see page 207)
6Al-4V	titanium	Chem Equip (2B350, Ti>50, see page 207)
6Al-6V-25Sn	titanium	Chem Equip (2B350, Ti>50, see page 207)
7005	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7016	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7019	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7021	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7029	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7039	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7049	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7049-149-249	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7049A	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
704C	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
7050	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
705C	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
7072	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7075	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7075Alclad	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7076	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7104	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7129	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7149	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7175	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7178	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
7249	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7277	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
7Al-4Mo	titanium	Chem Equip (2B350, Ti>50, see page 207)
80Ni-20Cr	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
8620	iron	Does not meet requirements of any control in Table 2
8Al-1Mo-1V	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
9 Cr	stainless steel	Does not meet requirements of any control in Table 2
904L	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
904S13	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
904S14	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
9086 M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
9097 M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
9098 M	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
9128 M	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
9310	iron	Does not meet requirements of any control in Table 2
96-4	tin	Does not meet requirements of any control in Table 2
97-3	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.c., Ta>98, see page 227)
9980A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
9980B	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
9990A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
9995A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
9998A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
9C	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
9CA	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
A 2024	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A 3004	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A 5052	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A ALLOY-1	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A L 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
A L 825	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
A METAL	iron	Chem Equip (2B350, Ni>40, see page 207)
A(13V-11Cr-3Al)	titanium	Chem Equip (2B350, Ti>50, see page 207)
A(40KSI-YS)	titanium	Chem Equip (2B350, Ti>50, see page 207)
A(5Al-2.5Sn)	titanium	Chem Equip (2B350, Ti>50, see page 207)
A(6Al-4V)	titanium	Chem Equip (2B350, Ti>50, see page 207)
A.M. 403	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
A.M. 59S	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
A02010	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
A10	tool steel	Does not meet requirements of any control in Table 2
A2	tool steel	Does not meet requirements of any control in Table 2
A-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
A2014FD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A2014FH	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
A2014P	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A2014S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A2014TE	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A2024BD/W	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A2024BE	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A2024P	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A2024S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A2024TD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A2024TE	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A2219P	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A-286	stainless steel	Does not meet requirements of any control in Table 2
A-4	titanium	Chem Equip (2B350, Ti>50, see page 207)
A6	tool steel	Does not meet requirements of any control in Table 2
A7	tool steel	Does not meet requirements of any control in Table 2
A7050FD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7050FH	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7075BD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7075BE	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
A7075FD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7075FH	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7075P	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7075S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7075TD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7075TE	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A7-U4SG	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A-ALLOY GR. A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AB-4	titanium	Chem Equip (2B350, Ti>50, see page 207)
AB-5	titanium	Chem Equip (2B350, Ti>50, see page 207)
ABROS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ACCOLOY NC-1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ACCOLOY NC-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ACCOLOY NC-3	iron	Chem Equip (2B350, Ni>40, see page 207)
ACCOLOY NC-9MO	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ACID RESISTING-3	nickel	Chem Equip (2B350, Ni>40, see page 207)
ACIPCO HP SS	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ACIPCO HU SS	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ADNIC 261 D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ADNIC 265 D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ADNIC 275 E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ADNIC 280	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ADNIC 482 D	nickel	Chem Equip (2B350, Ni>40, see page 207)
ADNIC 56 D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ADNIC 562 D.Z	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ADVANCE	copper	Chem Equip (2B350, Ni>40, see page 207)
AEREX 350 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207)
AF 1753	nickel	Chem Equip (2B350, Ni>40, see page 207)
AF 2-1DA	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AF.200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AF.400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AF.690	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AF.80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AF.811	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AF.825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
AF.8820	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AF.928	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AF.C22	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AF.C4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AF.G3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
AFCOLOY 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AFCOLOY 60L	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ag	silver	Does not meet requirements of any control in Table 2
A-G5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AG-NI-CON 8	silver	Chem Equip (2B350, Ni>40, see page 207)
AIREISIST 319	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AJAX	iron	Chem Equip (2B350, Ni>40, see page 207)
AK 25	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AKRIT CO 42	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL 1100	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

A-

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
A-L 18 NICO (250)	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
A-L 18 NICO (300)	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
A-L 20 NI (250)	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
AL 2024	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A-L 25 NI (250)	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
AL 3003	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AL 5086	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AL 600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL 6061	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AL 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL 6X	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL 7075	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AL 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
AL 800	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL 800H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
AL HX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
AL TECH 6X	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL TECH HI-CRO 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL-1003	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1015	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1017	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1019	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1031-C	nickel	Chem Equip (2B350, Ni>40, see page 207)
AL-1031-F	nickel	Chem Equip (2B350, Ni>40, see page 207)
AL-1037	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1044	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
AL-1047	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1052-1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1052-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1052-3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1057	nickel	Chem Equip (2B350, Ni>40, see page 207)
AL-1087	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1094	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1094-F	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AL-1236	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Al2020-T6	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Al2024-T8	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AL29-4-C	stainless steel	Does not meet requirements of any control in Table 2
AL-4750	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
AL6XN	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL-6XN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AL-6XN	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Al7075-T6	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Al7475-T61	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALBEMET 162	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
ALCAN 175	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCAN 245	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN 245 ALCLAD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN 265	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ALCAN 5251	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN 555	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN 755	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCAN 755 ALCLAD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCAN A565	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN B265	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN B545	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN C755	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCAN D195	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN GB-245	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN GB-545	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN GB-D755	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCAN GB-E745	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN GB-M575	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCAN M755	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCOA 15 S	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCOA 2090	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCOA 3004	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCOA 7021	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ALCOA 7029	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCOA 7075	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCOA 7129	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALCOA 7475	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALCOA C-175	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AlCu4Mg1	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AlCu4SiMg	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AlCu6Mn	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALDURAL G	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALDURAL K	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALDURAL LC	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALDURAL Z	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALKADUR 300	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALLCAST 125	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALLEGHENY 20-25S	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY 20-25SM	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY 4750	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLEGHENY ELECTRIC METAL	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLEGHENY LUDLUM 1251	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLEGHENY LUDLUM AL 276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ALLEGHENY LUDLUM AL 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227) Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY LUDLUM AL 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY LUDLUM AL 800AT	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY LUDLUM AL 800H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY LUDLUM AL 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLEGHENY LUDLUM AL 904L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY LUDLUM AL-6X	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY LUDLUM AL-6XN ALLOY	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLEGHENY M-252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLEGHENY METAL 42	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLEGHENY R41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLEGHENY TYPE 332	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLOY 100NT-2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLOY 150S	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227) Chem Equip (2B350, Ni>40, see page 207)
Alloy 1A	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 2129	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 348	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 39	iron	Chem Equip (2B350, Ni>40, see page 207)
Alloy 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227) Chem Equip (2B350, Ni>40, see page 207)
ALLOY 42	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 42-6	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 45-6	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 46	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 48	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 52	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLOY 6059	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Alloy 686	cobalt	Does not meet requirements of any control in Table 2
ALLOY 713C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY 713LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLOY 95-M-255	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY B-1900	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY B5	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLOY CB-16	niobium	Chem Equip (2B350, Nb>50, see page 207)
ALLOY CB-22	niobium	Chem Equip (2B350, Nb>50, see page 207)
ALLOY CB-7	niobium	Chem Equip (2B350, Nb>50, see page 207)
ALLOY CB-74	niobium	Chem Equip (2B350, Nb>50, see page 207)
ALLOY CSA-39	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALLOY D-31	niobium	Chem Equip (2B350, Nb>50, see page 207)
ALLOY EL 437B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ALLOY I-1360	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY M22 VC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY M-252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLOY M-255	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALLOY MC-102	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY NO 4	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
ALLOY NO. 471	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOY R-41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLOY31	Ni-Cr	Does not meet requirements of any control in Table 2
Alloy42	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLOYMET 1350	Cu-Ni	Chem Equip (2B350, Ni>40, see page 207)
ALLOYMET 2000	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2023	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2030	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2030M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2041	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2115	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2120	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2140	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
ALLOYMET 2200	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET 2350	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLOYMET AM2	iron	Chem Equip (2B350, Ni>40, see page 207)
ALLOYMET MG	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLOYMET NI CU 1	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLOYMET NI CU 2	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLVAC 3-2.5	titanium	Chem Equip (2B350, Ti>50, see page 207)
ALLVAC 500 ZB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLVAC 5-2.5	titanium	Chem Equip (2B350, Ti>50, see page 207)
ALLVAC 520	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLVAC 6-4	titanium	Chem Equip (2B350, Ti>50, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ALLVAC 700	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLVAC 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLVAC ASTROLOY	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLVAC I-700	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLVAC M-252	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLVAC N-105	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALLVAC N-115	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLVAC R-235	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLVAC RENE 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALLVAC WASPALOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALLVAC-N	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALMAR 18 (250)	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
ALMAR 18 (300)	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
ALMAR 20	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
ALMAR 25	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
ALMASILIUM	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALMET C-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALMINAL W12	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALMINAL W15	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALMINAL W16	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALMINAL W160	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALNEON	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AlnicoII	iron	Does not meet requirements of any control in Table 2
AlnicoIII	iron	Does not meet requirements of any control in Table 2
AlnicoV	iron	Does not meet requirements of any control in Table 2
AlnicoVIII	iron	Does not meet requirements of any control in Table 2
ALOYCO 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ALOYCO MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALOYCO-INCONEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALOYCO-N-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
ALOYCO-N-3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Al-P16-T6151	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Al-P16-T651	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALPHA-TWO ALUMINIDE (24/11)	titanium	Chem Equip (2B350, Ti>50, see page 207) Crude or semi-fabricated forms (1C002.a.2., Ti>50 and Al>10, see page 209)
ALPRO NO. 140	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALPRO NO. 143	aluminium	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALPRO NO. 157	nickel	Chem Equip (2B350, Ni>40, see page 207)
ALPRO NO. 158	manganese	Chem Equip (2B350, Ni>40, see page 207)
ALPRO NO. 159	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALPRO NO. 34	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALPRO NO. 40	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALPRO NO. 41	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALPRO NO. 42	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALPRO NO. 46	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALPRO NO. 50 B	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
ALRAY A 8	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALRAY C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALTEMP 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ALTEMP 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALTEMP HX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALTEMP M-252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ALUDUR-580	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUFONT-48	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMAG 15	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMAG 25	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMAG 35	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ALUMAG 50	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMAG 65	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Aluminum	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM 2020	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM 2021	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM 2219	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM 2618	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM 5180	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM 6066	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM 7001	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM 7002	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM 7006	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM 7007	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM 7049-T73	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM 7080	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ALUMINUM 7106	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al>50, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Aluminum Alloys	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM HZM-100	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM KO-1	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM KSS	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM LAC 113B	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM OILITE 601	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM UNION 51S	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM UNION 57S	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM UNION NO. 14S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM WELDING WIRE & ELECTRODES 1100	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220)
ALUMINUM-A214	aluminium	Metallic powders (1C111.a.2.c., Mg>97, see page 224) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM-D16T	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ALUMINUM-F214	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM-HS30	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ALUMINUM-NICKEL NIAL-14TI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AlZn5.5MgCu	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AlZn5.5MgCu(A)	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AlZn6CuMgZr	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
AlZn6MgCu	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AlZn6MgCuMn	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AlZn7MgCu	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AlZn8MgCu	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AM 21	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AM 30	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AM 40	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AM 503	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
AM 54	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AM 58	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMAX WMPS-4	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
AMDRY 317	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 342	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 350F/350C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
AMDRY 380	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 384	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 387	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 4532/4535	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 4727	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 721	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 722	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 723	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
AMDRY 724	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 754	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 755	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 756	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 761	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 769	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 942	copper	Chem Equip (2B350, Ni>40, see page 207)
AMDRY 944	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 955	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 956	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 959	iron	Chem Equip (2B350, Ni>40, see page 207)
AMDRY 960	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 961/962/962/964	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMDRY 995/9954	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AMDRY 997	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
AMERICAN CN-7	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AMETEK 942	iron	Chem Equip (2B350, Ni>40, see page 207)
AMETEK 946	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
AMETEK 948	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
AMETEK 952	nickel	Chem Equip (2B350, Ni>40, see page 207)
AMI ALLOY 313	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
AMI ALLOY 315	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 317	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 319	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 336	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 338	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
AMI ALLOY 500	copper	Chem Equip (2B350, Ni>40, see page 207)
AMI ALLOY 74	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
AMI ALLOY 75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 780 B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 912	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 942	copper	Chem Equip (2B350, Ni>40, see page 207)
AMI ALLOY 955	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMI ALLOY 956	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPAL 601	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 602	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 603	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 605	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 611	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 615	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 625	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 637	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 650	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 660	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPAL 670	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AMPCOLOY 501	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 502	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 531	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 551	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 552	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
AMPCOLOY 553	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 557	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 558	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 559	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMPCOLOY 561	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMS 5553B	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMS 5865	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMS 5890	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMS350	stainless steel	Does not meet requirements of any control in Table 2
AMSCO F-13	alloy steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AMSCO F-1-N	iron	Chem Equip (2B350, Ni>40, see page 207)
AMSCO F-5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AMSCO F-6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AM-X6NiCrMoCu29-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AN 40	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ANC10	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC11	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC15	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC16	nickel	Chem Equip (2B350, Ni>40, see page 207)
ANC17	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC18A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC18B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC18C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC19	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ANC5(B)	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ANC8	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANC9	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 120	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 125	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 135	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 140	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 150	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 155	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 160	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANCORSPRAY 250	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ANHYSSTER C	iron	Chem Equip (2B350, Ni>40, see page 207)
ANHYSSTER D	iron	Chem Equip (2B350, Ni>40, see page 207)
ANHYSSTER M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANHYSSTER MAU	nickel	Chem Equip (2B350, Ni>40, see page 207)
MOLYBDENE		Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ANIBAL	iron	Chem Equip (2B350, Ni>40, see page 207)
ANORINOX 100	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ANOXIN ULTRA-C	nickel	Chem Equip (2B350, Ni>40, see page 207)
ANTICORODAL SPECIAL	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ANV-300	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AoX40NiCrSi3525	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AoX40NiCrSi3525F	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
APEX 400	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
APEX D 400	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
APEX P 400	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ARC 1628	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARC 6015	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARC 7915	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARC-6015	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
ARCAST-67	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ARCM 1628	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARCM 6015	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARCM 8510	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARCOS 816	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARGENTALIUM	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ARMCO 20-45-5	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ARMCO 4-79 NI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ARMCO BETA 3	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
ARMCO TI-5AL-2 1/2 SN	titanium	Chem Equip (2B350, Ti>50, see page 207)
ARMCO TI-6AL-2SN-4ZR-6MO	titanium	Chem Equip (2B350, Ti>50, see page 207)
ARMCO TI-6AL-4V	titanium	Chem Equip (2B350, Ti>50, see page 207)
ARMCO TI-6AL-6V-2SN	titanium	Tubes (1C202.b., Ti UTS>900, see page 224)
ARMCO TI-8AL-1MO-1V	titanium	Chem Equip (2B350, Ti>50, see page 207)
AS 55	niobium	Chem Equip (2B350, Nb>50, see page 207)
ASTAR 811-C	tantalum	Chem Equip (2B350, Ta>50, see page 207)
ASTM B39	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ASTRO GRADE 1	titanium	Chem Equip (2B350, Ti>50, see page 207)
ASTRO GRADE 12	titanium	Chem Equip (2B350, Ti>50, see page 207)
ASTRO GRADE 2	titanium	Chem Equip (2B350, Ti>50, see page 207)
ASTRO GRADE 3	titanium	Chem Equip (2B350, Ti>50, see page 207)
ASTRO GRADE 4	titanium	Chem Equip (2B350, Ti>50, see page 207)
ASTRO GRADE 7	titanium	Chem Equip (2B350, Ti>50, see page 207)
ASTROLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
AT-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
AT-4	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
AT-6	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
AT-8	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
ATG 33	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ATG C 1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ATG E	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ATG E 2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ATG F	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATG M 2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATG R	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATG S 3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATG S 4	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ATG S 9	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATG W 1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ATG W 2	nickel	Chem Equip (2B350, Ni>40, see page 207)
ATG W 3	nickel	Chem Equip (2B350, Ni>40, see page 207)
ATG W 4	nickel	Chem Equip (2B350, Ni>40, see page 207)
ATG W O	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ATG-M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ATGS	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATLAS 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ATLAS 331	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ATLAS 45% NI ALLOY	iron	Chem Equip (2B350, Ni>40, see page 207)
ATLAS 4-79	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATLAS 78 1/2 NI ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATLAS ALLOY 948	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ATLAS STAINLESS NO. 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ATR ALLOY	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ATS-360	nickel	Chem Equip (2B350, Ni>40, see page 207)
ATS-390	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ATVS 7 MO	nickel	Chem Equip (2B350, Ni>40, see page 207)
Au	gold	Does not meet requirements of any control in Table 2
A-U4G1	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
A-U4G1(2024-F)	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
A-U4SG	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AUDILOY	iron	Chem Equip (2B350, Ni>40, see page 207)
AUTO LITE A1-5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AUTO LITE A1-6	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
A-UZGN	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVESTA 254 SLX	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AVESTA 353 MA	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AVESTA 904L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
AVIONAL	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AVIONAL 102	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVIONAL 411	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVIONAL S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AVIONAL SK	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVIONAL Z	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVIONAL-14	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AVIONAL-152	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVIONAL-22	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVIONAL-24	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AVIONAL-25	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AVIONAL-662	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AVONAL-23	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AWARNITE (NATURAL)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
AWCO-21	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AWCO-27	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AWCO-28	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AWCO-301	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AWCO-303	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AZ 31C	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
AZ 40	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AZ 54	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AZ 62	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AZ 63	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AZ 64	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AZ 67	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AZ 69	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AZ 74	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AZ 75	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AZ 79	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AZ 83	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
AZ 84	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
AZ31B	magnesium	Does not meet requirements of any control in Table 2
A-Z5GU(7075)	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AZ8GU	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
AZ91Aor C	magnesium	Does not meet requirements of any control in Table 2
B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B & B	nickel	Chem Equip (2B350, Ni>40, see page 207)
B 1900	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B ALLOY	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
B MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B&W CROLOY 600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B&W CROLOY 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
B(11.5Mo-6Zr-4.5Sn)	titanium	Chem Equip (2B350, Ti>50, see page 207)
B(5Al-2.5SnELI)	titanium	Chem Equip (2B350, Ti>50, see page 207)
B(6Al-2Sn-4Zr-2Mo)	titanium	Chem Equip (2B350, Ti>50, see page 207)
B(70KSI-YS)	titanium	Chem Equip (2B350, Ti>50, see page 207)
B.A.-23	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
B.A.C. BRIGHTWAY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B.S. SEEWASSER	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
B.S.SEEWASSER	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
B.T.G. STEEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B-1	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
B-1900 HF	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B-1910	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B1914	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B1925	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B1964	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
B1981	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B2	Ni-Mo	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
B-2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
B201	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
B2014	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
B-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
B99	niobium	Chem Equip (2B350, Nb>50, see page 207)
BA. 703	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BA.303	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BA.701	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BA.704	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BA.751	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BALCO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BALCO ALLOY 400	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BALLAST	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BALLAST NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BARIO	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BARIO, SHEET	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BAROS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
BATS L	titanium	Chem Equip (2B350, Ti>50, see page 207) Crude or semi-fabricated forms (1C002.a.2., Ti>50 and Al>10, see page 209)
Be/Al Grade # 120	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
Be/Al Grade # 130	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
Be/Al Grade # 140	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
Be/Al Grade # 150	Be-Al	Bearings or bearing systems (2A001.a., Be>50, see page 226) Pressure sensors (2B230.a., Al>50, see page 228) Unspecified forms (1C230, Be>50, see page 225) Valves (2A226, Al>50, see page 227)
Be/Al Grade # 160	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Be/Al Grade # 162	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Be/Al Grade # 562	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BEDEL INO 41	iron	Chem Equip (2B350, Ni>40, see page 207)
BEDEL INO 50	nickel	Chem Equip (2B350, Ni>40, see page 207)
BEDEL INO 51	nickel	Chem Equip (2B350, Ni>40, see page 207)
BELGIAN ALUMINUM	aluminium	Pressure sensors (2B230.a., Al>50, see page 228)
PISTON ALLOY		Valves (2A226, Al>50, see page 227)
BERALITE 35	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BERGSTAHL CN35	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
BERGSTAHL CN38	iron	Chem Equip (2B350, Ni>40, see page 207)
BERRYDIUR	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BERYLCO 200C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BERYLCO CR-1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BERYLCO CR-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BERYLCO HPA	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Metallic powders (1C111.a.2.b., Be>97, see page 223) Unspecified forms (1C230, Be>50, see page 225)
BERYLCO NICKEL 440	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BERYLLIUM	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Metallic powders (1C111.a.2.b., Be>97, see page 223) Unspecified forms (1C230, Be>50, see page 225)
Beryllium Alloys	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
BERYLLIUM ALUMINUM	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226)
ALBEMET 162	beryllium	Unspecified forms (1C230, Be>50, see page 225)
BERYLLIUM I-400	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
BERYLLIUM MALLEABLE	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Metallic powders (1C111.a.2.b., Be>97, see page 223) Unspecified forms (1C230, Be>50, see page 225)
BERYLLIUM S-200-C	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Metallic powders (1C111.a.2.b., Be>97, see page 223) Unspecified forms (1C230, Be>50, see page 225)
BERYLLIUM-COBALT	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
Beryllium-Copper alloys	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
BERYLLIUM-IRON	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
BERYLLIUM-MAGNESIUM-ALUMINUM	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BERYLLIUM-NICKEL	nickel	Bearings or bearing systems (2A001.a., Be>50, see page 226) Chem Equip (2B350, Ni>40, see page 207) Unspecified forms (1C230, Be>50, see page 225)
BERYLLIUM-SILVER	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
BERYVAC 520	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BESPLATE (2)	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BETHELEM NO. 7	iron	Chem Equip (2B350, Ni>40, see page 207)
Bi	bismuth	Unspecified forms (1C229, Bi>99.99, see page 225)
BIRMABRIGHT	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMABRIGHT 5454	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMABRIGHT BB 5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMABRIGHT BB1	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMABRIGHT BB2	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMABRIGHT BB3	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMABRIGHT BB4	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMAL	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMETAL BMB 2024	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMETAL BMB 478	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BIRMETAL-477	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BIRMETAL-AM503	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
BIRMETAL-ZW1	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
BIRMETAL-ZW6	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
BISHOP 42	iron	Chem Equip (2B350, Ni>40, see page 207)
BISHOP 52	nickel	Chem Equip (2B350, Ni>40, see page 207)
BISMUTH	bismuth	Unspecified forms (1C229, Bi>99.99, see page 225)
BLENDALLOY 22-9604	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BLENDALLOY 22-9800	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BLENDALLOY 25-4200 (42-ALLOY)	iron	Chem Equip (2B350, Ni>40, see page 207)
BLENDALLOY 25-4206	iron	Chem Equip (2B350, Ni>40, see page 207)
BLENDALLOY 25-4400	iron	Chem Equip (2B350, Ni>40, see page 207)
BLENDALLOY 25-4601 FM	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
BLENDALLOY 25-4803	alloy steel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
BLENDALLOY 25-5000 (ORTHONOL)	nickel	Chem Equip (2B350, Ni>40, see page 207)
BLENDALLOY 25-5025 (ORTHONAL)	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
BLENDALLOY 25-5200 (52 ALLOY)	nickel	Chem Equip (2B350, Ni>40, see page 207)
BLENDALLOY 25-7904 (PERMALLOY)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BLENDALLOY 25-8000	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BLENDALLOY 25-8004	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BLENDALLOY 25-8004 (PERMALLOY)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BLENDALLOY 25-8300	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BLENDALLOY 26-5446	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
BLOCK'S ALLOY	cobalt	Chem Equip (2B350, Ni>40, see page 207)
BNI-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BNI-3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BNI-4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BNI-6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BOFORS REB-210	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
BOHLER H500	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
BOHLER L300	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BOHLER L318	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BOHLER L535	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
BOHLER L625	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BOHLER L630	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BOHLER L635	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BOHLER NIP50	nickel	Chem Equip (2B350, Ni>40, see page 207)
BOHLER P804	iron	Chem Equip (2B350, Ni>40, see page 207)
BOHNALITE M-4A	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BOHNALITE O	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BOHNALITE X-6	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
BONDUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BONNEY-FLOYD STAINLESS BOOTH MG7	iron aluminium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
BORAL	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BORAL 3%BORON	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BORAL 4%BORON	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BORAL 5%BORON	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BORAL 6%BORON	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BORCHER ALLOY BORCHER ALLOY 1 BORCHER ALLOY 4 BORCHER ALLOY 5 BORCHER'S A	iron nickel nickel nickel nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BORCHER'S B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BORON BOSCH (AL-20)	boron aluminium	Crude or semi-fabricated forms (1C011.b., B>85, see page 221) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BOSCH (AN-4)	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BRAEVAC 718 BRIGHTRAY A	nickel nickel	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRIGHTRAY ALLOY 35 BRIGHTRAY ALLOY B	iron nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRIGHTRAY ALLOY C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRIGHTRAY ALLOY F BRIGHTRAY ALLOY S	iron nickel	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRIGHTRAY H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRIGHTWAY H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRILLALUMAG 5	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
BRINALLOY (NS-8)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRINALLOY (NS-9)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRIX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 200C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 220C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 220CC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 221C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 221CC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 260-C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 260CC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 261CC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH 360	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH BERYLLIUM ALUMINUM 1.0% BE	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BRUSH BERYLLIUM NICKEL (1)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH BERYLLIUM NICKEL (2)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH M220C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH M260C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BRUSH-261 C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
BS-SEEWASSER 63/03	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
BT-4	titanium	Chem Equip (2B350, Ti>50, see page 207)
BTG	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C 1023	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C 110	copper	Does not meet requirements of any control in Table 2

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
C 172	copper	Does not meet requirements of any control in Table 2
C 194	copper	Does not meet requirements of any control in Table 2
C 210	copper	Does not meet requirements of any control in Table 2
C 220	copper	Does not meet requirements of any control in Table 2
C 260	copper	Does not meet requirements of any control in Table 2
C 270	copper	Does not meet requirements of any control in Table 2
C 310	copper	Does not meet requirements of any control in Table 2
C 314	copper	Does not meet requirements of any control in Table 2
C 330	copper	Does not meet requirements of any control in Table 2
C 332	copper	Does not meet requirements of any control in Table 2
C 340	copper	Does not meet requirements of any control in Table 2
C 342	copper	Does not meet requirements of any control in Table 2
C 360	copper	Does not meet requirements of any control in Table 2
C 377	copper	Does not meet requirements of any control in Table 2
C 425	copper	Does not meet requirements of any control in Table 2
C 443	copper	Does not meet requirements of any control in Table 2
C 464	copper	Does not meet requirements of any control in Table 2
C 482	copper	Does not meet requirements of any control in Table 2
C 485	copper	Does not meet requirements of any control in Table 2
C 510	copper	Does not meet requirements of any control in Table 2
C 524	copper	Does not meet requirements of any control in Table 2
C 534	copper	Does not meet requirements of any control in Table 2
C 544	copper	Does not meet requirements of any control in Table 2
C 623	copper	Does not meet requirements of any control in Table 2
C 630	copper	Does not meet requirements of any control in Table 2
C 655	copper	Does not meet requirements of any control in Table 2
C 667	copper	Does not meet requirements of any control in Table 2
C 673	copper	Does not meet requirements of any control in Table 2
C 675	copper	Does not meet requirements of any control in Table 2
C 706	copper	Does not meet requirements of any control in Table 2
C 710	copper	Does not meet requirements of any control in Table 2
C 715	copper	Does not meet requirements of any control in Table 2
C 745	copper	Does not meet requirements of any control in Table 2
C 752	copper	Does not meet requirements of any control in Table 2
C 814	copper	Does not meet requirements of any control in Table 2
C 836	copper	Does not meet requirements of any control in Table 2
C 857	copper	Does not meet requirements of any control in Table 2
C 864	copper	Does not meet requirements of any control in Table 2
C 867	copper	Does not meet requirements of any control in Table 2
C 868	copper	Does not meet requirements of any control in Table 2
C 875	copper	Does not meet requirements of any control in Table 2
C 8932	copper	Does not meet requirements of any control in Table 2
C 903	copper	Does not meet requirements of any control in Table 2
C 922	copper	Does not meet requirements of any control in Table 2
C 932	copper	Does not meet requirements of any control in Table 2
C 937	copper	Does not meet requirements of any control in Table 2
C 955	copper	Does not meet requirements of any control in Table 2
C(3Al8V6Cr4MoZr)	titanium	Chem Equip (2B350, Ti>50, see page 207)
C(55KSI-YS)	titanium	Chem Equip (2B350, Ti>50, see page 207)
C(6Al-4V)	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
C.T.C. FERRY	copper	Chem Equip (2B350, Ni>40, see page 207)
C1010	steel	Does not meet requirements of any control in Table 2
C1020	steel	Does not meet requirements of any control in Table 2
C-1023	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-103	niobium	Chem Equip (2B350, Nb>50, see page 207)
C-129Y	niobium	Chem Equip (2B350, Nb>50, see page 207)
C194HiCu	copper	Does not meet requirements of any control in Table 2
C197HiCu	copper	Does not meet requirements of any control in Table 2
C-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
C-242	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
C276	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
C4140	steel	Does not meet requirements of any control in Table 2

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
C4340	steel	Does not meet requirements of any control in Table 2
C-5	titanium	Chem Equip (2B350, Ti>50, see page 207)
C-501	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
C5154	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
C-6	titanium	Chem Equip (2B350, Ti>50, see page 207)
C72150	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
CA NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CABOT ALLOY NO. 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CABOT ALLOY NO. 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CABOT ALLOY NO. 800 H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CABOT ALLOY NO. 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CABOT ALLOY NO. R-41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CAF 620	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CAF 720	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CAF 820	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CALIDO (ELALCO)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALITE C	iron	Chem Equip (2B350, Ni>40, see page 207)
CALITE F	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CALITE N	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALITE N-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALMALLOY NO. 1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALMALLOY NO. 2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALOMIC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALORITE-1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALORITE-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CALYPSO 25 A	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
CAMBRILLOY 35-19	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CAMBRILLOY 35-19 CB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CAMBRILLOY 80-20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CAMBRILLOY 80-20 CB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CAMLOY	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CAP1 309X	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CAP1 320	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CAP1 462	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CAP1VAC 326	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CAP1VAC 371	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Carb 1-2 Moly	iron	Does not meet requirements of any control in Table 2
Carbon Steel	iron	Does not meet requirements of any control in Table 2
CARBONIZED NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARBORUNDUM ZIRCONIUM GR. 21	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
CARBORUNDUM ZIRCONIUM GR. 32	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
CARLSON 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CARLSON ALLOY 330	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARLSON ALLOY C 20 PLUS	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARLSON ALLOY C 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON ALLOY C 201	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON ALLOY C 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON ALLOY C 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON ALLOY C 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON ALLOY C 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON ALLOY C 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARLSON ALLOY C 800 H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARLSON ALLOY C 825	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CARLSON ALLOY GOC 276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARLSON C 600 MIL	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER 49	nickel	Chem Equip (2B350, Ni>40, see page 207)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CARPENTER 80-20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER AL-6XN STAINLESS	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARPENTER ASTROLOY	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER C	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER C-276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER GLASS SEALING 42	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER GLASS SEALING 42-6	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER GLASS SEALING 45-6	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER GLASS SEALING 46	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER GLASS SEALING 52	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER GLASS SEALING 52 PHOTOETCH	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER HIGH PERMEABILITY 49 (1)	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER HIGH PERMEABILITY 49 (2)	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER HIPERNOM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER HYMU 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER HYMU 80 MARK II	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER HYMU 800 (1)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER HYMU 800 (2)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER HYMU 800 PHOTOCHEM QUALITY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER HY-RA 49	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER HY-RA 80 (1)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER HY-RA 80 (2)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER LOW EXPANSION 39	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER LOW EXPANSION 42	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER LOW EXPANSION 43-PH	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER MP35N	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARPENTER NIAL ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER NICROSIL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CARPENTER NI-CU 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER NI-CU 405	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER NIMARK 300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
CARPENTER NIMARK II	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
CARPENTER NISIL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER NO. 37-7FM	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER NO. 426	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER PYROMET 31	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CARPENTER PYROMET 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CARPENTER PYROMET 751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER PYROMET 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARPENTER PYROMET 80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER PYROMET 860	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER PYROMET 88	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER PYROMET 901	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER PYROMET 95	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER PYROMET CTX-1	iron	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER PYROMET M-252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CARPENTER PYROTOOL EX	nickel	Chem Equip (2B350, Ni>40, see page 207)
CARPENTER PYROTOOL M	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CARPENTER STAINLESS TYPE 330	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CARPENTER TITANIUM 6-4	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CARPENTER TITANIUM 6-6-2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CARPENTER WEAR RESISTANT HYMU 800A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CATHALLOY A-30	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CATHALLOY A-31	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CATHALLOY A32	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CATHALLOY P-51	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
CATHALLOY-1	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CATHALLOY-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CATHODE NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Cb 103	niobium	Chem Equip (2B350, Nb>50, see page 207)
CB 74	niobium	Chem Equip (2B350, Nb>50, see page 207)
CB CUPRON ALLOY	copper	Chem Equip (2B350, Ni>40, see page 207)
CB-1	niobium	Chem Equip (2B350, Nb>50, see page 207)
CB-10HF-1TI-0.5ZR	niobium	Chem Equip (2B350, Nb>50, see page 207)
CB-10W-5ZR	niobium	Chem Equip (2B350, Nb>50, see page 207)
CB-752	niobium	Chem Equip (2B350, Nb>50, see page 207)
CB-753	niobium	Chem Equip (2B350, Nb>50, see page 207)
CB-TZM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CBX CUPRON ALLOY	copper	Chem Equip (2B350, Ni>40, see page 207)
CD4MCU	stainless steel	Does not meet requirements of any control in Table 2
CDA110	copper	Does not meet requirements of any control in Table 2
CDA122	copper	Does not meet requirements of any control in Table 2
CDA260	brass	Does not meet requirements of any control in Table 2
CDA360	brass	Does not meet requirements of any control in Table 2
CDA443	brass	Does not meet requirements of any control in Table 2
CDA464	brass	Does not meet requirements of any control in Table 2
CDA706	Cu-Ni	Does not meet requirements of any control in Table 2
CDA715	Cu-Ni	Does not meet requirements of any control in Table 2
CEKAS	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CENTRALLOY 4852 (HP + NB)	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CENTRALLOY 4852 MICRO	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CENTRALLOY 4859	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CERALUMIN C	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
CHACE NO. 2500	nickel	Chem Equip (2B350, Ni>40, see page 207)
CHACE NO. 3700	iron	Chem Equip (2B350, Ni>40, see page 207)
CHACE NO. 4700	iron	Chem Equip (2B350, Ni>40, see page 207)
CHECKWAITE 8	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CHEMALLOW A45N	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CHEMALLOW A52N	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CHEMALLOW H1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHEMALLOW H2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHEMALLOW H3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHEMALLOW H4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHITONAL-14	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CHITONAL-24	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
CHROMALOY V	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN AO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN B2 MO	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN BO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN CO	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN D	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMAN E	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CHROMAX	iron	Chem Equip (2B350, Ni>40, see page 207)
CHROMAX CB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CHROMAX S	iron	Chem Equip (2B350, Ni>40, see page 207)
CHROME NICKEL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROME NICKEL IRON	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMEL 1	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CHROMEL 70/30	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMEL A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMEL AA	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMEL B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMEL C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMEL D	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CHROMEL P	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMEL R	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMIC-A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMIC-C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMIUM PERMALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMNICKEL 1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHROMNICKEL II	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONIKA 1565	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONIKA 2035	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CHRONIKA 2080	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONIN	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONIN 100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONIN 85	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONIT 2025	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CHRONITHEM 30	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CHRONITHEM 30/SPEZ.	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CHRONITHEM 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONITHEM 60/SPEZ.	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONITHEM 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CHRONITHEM 80/SPEZ.	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CINIDUR	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CIRCLE L 42	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CIRCLE L 43	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CIRCLE L 45	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CIRCLE L 48	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
CLAD R-303	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Class 1	titanium	Chem Equip (2B350, Ti>50, see page 207)
Class 2	titanium	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ti>50, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Class 3	titanium	Chem Equip (2B350, Ti>50, see page 207)
Class 4	titanium	Chem Equip (2B350, Ti>50, see page 207)
Class 4	wolfram	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Pressure sensors (2B230.a., Ni>60, see page 228) Tubes (1C226, W>90, see page 225) Valves (2A226, Ni>60, see page 227)
Class A	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Class B	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CLIMAX AB-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX ABL-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX ABT-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX AFB-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX AFBT-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX AP-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX APL-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX APT-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX AS-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX ASL-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX AST-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX F21-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX GME-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX MMP-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX MP35N ALLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CLIMAX OMP-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX OMPF-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX OMPF-5	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX OMPF-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX OMPZ-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX OMPZ-A	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX OMPZ-B	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX PB-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX PBT-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX PP-22	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX PS-100	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX PS-300	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX PSB-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX TZM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX WF-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX WMP-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX WMPF-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX WP-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMAX WS-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CLIMELT LOW-CARBON MOLYBDENUM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CMW 3970	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
CN-3M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CN3MN	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CN-3MN	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CN-7M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CN-7M/CB3	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CN-7MS	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
C-Ni99/-HC	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCr15Fe	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCr16Mo16	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCr18Mo18	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCr21Mo14Fe4W3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCr22Fe20Mo7Cu2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
C-NiCr22Mo9Nb4	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCu30	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCu30Nb2Si2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCu30Si	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiCu30Si3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiFe30Cr20Mo3CuNb	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
C-NiMo17Cr16Fe6W4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiMo30Fe5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiMo31	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
C-NiSi9Cu3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CN/W/RW/R/P	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
COAST METALS NP	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
COAST NO. 55	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COAST NO. 81	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Cobalt	cobalt	Does not meet requirements of any control in Table 2
COBANIC	nickel	Chem Equip (2B350, Ni>40, see page 207)
COLCLAD MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
COLMONOY NO. 20	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
COLMONOY NO. 21	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 22	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 23A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 24	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 43	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 53	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 56	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 62	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 63	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 69	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 72	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 730	nickel	Chem Equip (2B350, Ni>40, see page 207)
COLMONOY NO. 75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 8	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COLMONOY NO. 83PTA	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
COLMONOY NO. C-290	iron	Chem Equip (2B350, Ni>40, see page 207)
COLMONOY NO. C-395	iron	Chem Equip (2B350, Ni>40, see page 207)
COLUMBIUM (NIOBIUM)	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM 10W-5 ZR	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM B-88	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM CB 132 M	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM CB-752	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM D-10	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM D-11	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM D-14	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM D-36	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM D-40	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM D-41	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM D-43	niobium	Chem Equip (2B350, Nb>50, see page 207)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
COLUMBIUM SU-16	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM SU-31	niobium	Chem Equip (2B350, Nb>50, see page 207)
COLUMBIUM-15W-5MO-1ZR	niobium	Chem Equip (2B350, Nb>50, see page 207)
COMINCO BISMUTH METAL	bismuth	Unspecified forms (1C229, Bi>99.99, see page 225)
Comp 11	titanium	Chem Equip (2B350, Ti>50, see page 207)
Comp 12	titanium	Chem Equip (2B350, Ti>50, see page 207)
Comp 13	titanium	Tubes (1C202.b., Ti UTS>900, see page 224)
		Chem Equip (2B350, Ti>50, see page 207)
Comp 2	titanium	Tubes (1C202.b., Ti UTS>900, see page 224)
		Chem Equip (2B350, Ti>50, see page 207)
Comp 5	titanium	Chem Equip (2B350, Ti>50, see page 207)
		Tubes (1C202.b., Ti UTS>900, see page 224)
Comp 7	titanium	Chem Equip (2B350, Ti>50, see page 207)
Comp 9	titanium	Chem Equip (2B350, Ti>50, see page 207)
Composition A	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Pressure sensors (2B230.a., Ni>60, see page 228)
Composition B	nickel	Valves (2A226, Ni>60, see page 227)
		Chem Equip (2B350, Ni>40, see page 207)
Composition C	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)
		Valves (2A226, Ni>60, see page 227)
Composition D	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Pressure sensors (2B230.a., Ni>60, see page 228)
Composition E	nickel	Valves (2A226, Ni>60, see page 227)
		Chem Equip (2B350, Ni>40, see page 207)
CONEL	iron	Pressure sensors (2B230.a., Ni>60, see page 228)
		Valves (2A226, Ni>60, see page 227)
CO-NETIC AA	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Chem Equip (2B350, Ni>40, see page 207)
Co-Ni-Cr-Mo	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)
		Valves (2A226, Ni>60, see page 227)
CONPERNIK	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
		Chem Equip (2B350, Ni>40, see page 207)
CONSTANTAN	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
		Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213)
CONSTRUCTAL 20/42	aluminium	Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215)
		Pressure sensors (2B230.a., Al>50, see page 228)
CONSTRUCTAL 20/53	aluminium	Valves (2A226, Al>50, see page 227)
		Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213)
CONSTRUCTAL 8	aluminium	Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215)
		Pressure sensors (2B230.a., Al>50, see page 228)
CONTRACID	nickel	Tubes (1C202.a., Al UTS>460, see page 224)
		Valves (2A226, Al>50, see page 227)
CONTRACID B 10 W	nickel	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213)
		Chem Equip (2B350, Ni>40, see page 207)
CONTRACID B 2.5 M	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)
		Valves (2A226, Ni>60, see page 227)
CONTRACID B 4 M	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Pressure sensors (2B230.a., Ni>60, see page 228)
CONTRACID B 6 W	nickel	Valves (2A226, Ni>60, see page 227)
		Chem Equip (2B350, Ni>40, see page 207)
CONTRACID B 7 M	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)
		Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CONTRACID B W M C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CONTRACID B7MO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CONTRACID-B2M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER 21	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER 23	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER 24	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
COOPER 50	nickel	Chem Equip (2B350, Ni>40, see page 207)
COOPER 51	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER 52	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER 60	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
COOPER ALLOY 21 A	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
COOPER ALLOY 21 B	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
COOPER ALLOY 21 C	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
COOPER ALLOY 21 D	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
COOPER ALLOY 21 E	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER ALLOY 58	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER ALLOY 60	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
COOPER ALLOY P.H.20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
COOPER ALLOY S-23	iron	Chem Equip (2B350, Ni>40, see page 207)
COOPER ALLOY: INCONEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPER ALLOY: NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COOPERITE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COPEL	copper	Chem Equip (2B350, Ni>40, see page 207)
COPERNICK	nickel	Chem Equip (2B350, Ni>40, see page 207)
Copper	copper	Does not meet requirements of any control in Table 2
CORMIN BRONZE	copper	Chem Equip (2B350, Ni>40, see page 207)
CORONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORRESIST 25/25 MOTI	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CORRESIST G 20/25 MOCU	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CORRESIST G 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORRODUR 20 25 ESS	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CORRODUR 20-25 E	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CORRODUR BERGIT B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CORRODUR BERGIT C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORROFOND M-10	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
CORROFOND M3	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
CORROFOND M5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
CORROFOND M7	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
CORRONEL 210	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORRONEL 220	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORRONEL 230	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORRONEL B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORRONIL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORROSALLOY DU	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CORROSIST B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORROSIST C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CORROSIST IL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
COSHOCTON STAINLESS 332 (IN 800)	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
COSINT 1000	nickel	Chem Equip (2B350, Ni>40, see page 207)
COSMOLOY-F	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CP Ta	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
CP-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
CP-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
CP-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
CP-4	titanium	Chem Equip (2B350, Ti>50, see page 207)
CPT 64AV	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Cr	chromium	Does not meet requirements of any control in Table 2
Cr25Ni20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRAMP ALLOY NO. 114	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRAMP ALLOY NO. 118	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRAMP ALLOY NO. 119	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRANE NO. 49 (NICKEL ALLOY)	nickel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CRANELOY 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRANELOY 20 STAINLESS (FORGED-WROUGHT)	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRANELOY 20 STAINLESS STEEL	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRITNIC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CROMALOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CROMALOY IV	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CROMIC A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CROMIC C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CROMIC D	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CROMNICKEL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRONIDUR 4958	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIDUR 4959	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIFER 1925HMO	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIFER 1925LC-ALLOY 904L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIFER 2328	alloy steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIFER 2525LCN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIFER 2525TI	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIFER II	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRONIFER III	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIT	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRONITE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRONITE ORD	nickel	Chem Equip (2B350, Ni>40, see page 207)
CRONITE SR	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRONIX 70-NICR 70/30	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRONIX 80-NICR 80/20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRUCIBLE 120 ZA	titanium	Chem Equip (2B350, Ti>50, see page 207)
CRUCIBLE 25-25	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRUCIBLE 311	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRUCIBLE 3311	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CRUCIBLE 42 NICKEL-IRON	iron	Chem Equip (2B350, Ni>40, see page 207)
CRUCIBLE A 55	titanium	Chem Equip (2B350, Ti>50, see page 207)
CRUCIBLE A 70	titanium	Chem Equip (2B350, Ti>50, see page 207)
CRUCIBLE A-110 AT	titanium	Chem Equip (2B350, Ti>50, see page 207)
CRUCIBLE A-40	titanium	Chem Equip (2B350, Ti>50, see page 207)
CRUCIBLE B-120 VCA	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CRUCIBLE BETA III	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
CRUCIBLE C105 VA	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CRUCIBLE C-110 M	titanium	Chem Equip (2B350, Ti>50, see page 207)
CRUCIBLE C-120 AV	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CRUCIBLE C-120AM	titanium	Chem Equip (2B350, Ti>50, see page 207)
CRUCIBLE C-130 AM	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CRUCIBLE C130AMO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CRUCIBLE C-135 AMO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
CRUCIBLE CG27	iron	Chem Equip (2B350, Ni>40, see page 207)
CRUCIBLE M-252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CRUCIBLE RENE 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CRUCIBLE WASPALOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CRUCIN	copper	Chem Equip (2B350, Ni>40, see page 207)
CRYOPERM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CSM AB-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AB-4	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM ABL-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM ABL-4	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM ABT-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AFB-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AFB-7	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AFBT-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AP-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AP-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM APL-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM APL-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM APT-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM APT-4 TZM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AS-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AS-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM ASL-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM ASL-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AST-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM AST-4 TZM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM CLC-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM F21-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM F-21-4	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM GME-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM MMP-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM MMP-7	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM MMPF-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM MOLYMELT	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM MP35N ALLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CSM OMP-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMP-7	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMPF-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMPF-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMPF-5	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMPF-6	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMPF-7	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMP1-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM OMPZ-B	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PB-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PB-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PBT-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PBT-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PDMP-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PP-22	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CSM PP-22-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PS-100	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PS-100-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PS-300	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PS-300-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PSB-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM PSB-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM RTP-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM SOMP-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM T2M	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM T2M ABT-4	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM T2M AFBT-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WF-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WF-3	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
CSM WMP-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WMPF-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WMPP-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WMP5-3	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WP-1	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WP-2	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
CSM WS-2	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
CSM WS-3	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
CT-15C	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
CU5MnCuC	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
CUFENLOY-40	copper	Chem Equip (2B350, Ni>40, see page 207)
CuNi44	copper	Chem Equip (2B350, Ni>40, see page 207)
CuNi44Mn1	copper	Chem Equip (2B350, Ni>40, see page 207)
CuNi45Mn	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
CUNIC	copper	Chem Equip (2B350, Ni>40, see page 207)
CUNILO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CUPRON	copper	Chem Equip (2B350, Ni>40, see page 207)
CUPRON ALLOY	copper	Chem Equip (2B350, Ni>40, see page 207)
CUPRON THERMOCOUPLE ALLOY	copper	Chem Equip (2B350, Ni>40, see page 207)
CUPROTHAL 294	copper	Chem Equip (2B350, Ni>40, see page 207)
CURTISS	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
CUSTOM 455 STAINLESS	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225) Does not meet requirements of any control in Table 2
Custom450	stainless steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
Custom455	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
CW-12MW	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CW-2M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CW366	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
CW-6M	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CW-6MC	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CX2MW	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
CY-40	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CY5SnBiM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
CZ-100	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D(6Al-4VELI)	titanium	Chem Equip (2B350, Ti>50, see page 207)
D(8Mo-8V-2Fe-3Al)	titanium	Chem Equip (2B350, Ti>50, see page 207)
D2 or D4	tool steel	Does not meet requirements of any control in Table 2
D7	tool steel	Does not meet requirements of any control in Table 2
DARWINS 55	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DARWINS 654A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DARWINS 655B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DARWINS 656C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DARWINS K-ALLOY	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DCM ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 15	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 22	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 25	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 30	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 35	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 38	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 40	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 40 G	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 45	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 55	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
DELORO 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO ALLOY 40 G	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO ALLOY 41H	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO ALLOY 45	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO ALLOY 50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO ALLOY 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO ALLOY B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO ALLOY C	nickel	Chem Equip (2B350, Ni>40, see page 207)
DELORO ALLOY RT1	nickel	Chem Equip (2B350, Ni>40, see page 207)
DELORO NISTELLE C	nickel	Chem Equip (2B350, Ni>40, see page 207)
DELORO NISTELLE C 4 C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO PW22	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO SF40	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO SF50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO SF56	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELORO SF60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DELTAMAX	nickel	Chem Equip (2B350, Ni>40, see page 207)
DELTA-MU	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
DELTUMIN	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227) Tubes (1C226, W>90, see page 225)
Densalloy	wolfram	
DENSCAST	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DEPOLARIZED NICKEL ANODES	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DEW88MET	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DH 42	iron	Chem Equip (2B350, Ni>40, see page 207)
DH 46	iron	Chem Equip (2B350, Ni>40, see page 207)
DH 48	iron	Chem Equip (2B350, Ni>40, see page 207)
DH 52	nickel	Chem Equip (2B350, Ni>40, see page 207)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
D-H DURANICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 129	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 133	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 14	iron	Chem Equip (2B350, Ni>40, see page 207)
D-H NO. 146	iron	Chem Equip (2B350, Ni>40, see page 207)
D-H NO. 152	nickel	Chem Equip (2B350, Ni>40, see page 207)
DH NO. 243	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 245	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 33	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 399	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 499	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DH NO. 525	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
D-H NO. 599	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 799	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H NO. 899	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H PERMANICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H PURE NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H Z-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
D-H-E-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
DILATON 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DILVER	iron	Chem Equip (2B350, Ni>40, see page 207)
DOLER-MAG NO. 2	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
DOMAL AZ21X	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
DOMAL AZ80A	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
DOMAL M1B	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
DOMINIAL SA 50 NI	tool steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DOMINIAL SA 718	tool steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DONEGAL D-20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DOWMETAL O1	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
DS MAR M 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DS NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DS NICR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 10B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 192	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 196	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 200A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 204A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 232	nickel	Chem Equip (2B350, Ni>40, see page 207)
DTD 237	nickel	Chem Equip (2B350, Ni>40, see page 207)
DTD 268	nickel	Chem Equip (2B350, Ni>40, see page 207)
DTD 328	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 477	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 487	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 5007	nickel	Chem Equip (2B350, Ni>40, see page 207)
DTD 5027	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DTD 5047	nickel	Chem Equip (2B350, Ni>40, see page 207)
DTD 5067	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 5075	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
DTD 5077	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 5273	titanium	Chem Equip (2B350, Ti>50, see page 207)
DTD 703B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 725	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 736	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DTD 747A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DU PONT FA 22 NO. 2	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DUCTIMET 10	nickel	Chem Equip (2B350, Ni>40, see page 207)
DUCTIMET 21	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DUCTIMET 80-20	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DUCTIMET 90-10	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DUCTIMET 95-5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DUKE'S METAL	nickel	Chem Equip (2B350, Ni>40, see page 207)
DUMET	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
DURALCAN 2014 (1)	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALCAN 2014 (2)	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALCAN 2014 (3)	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALINOX 5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALINOX P	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALITE 35	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALOY 22H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DURALOY 50/50	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DURALOY 50/50 CB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DURALOY HN	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY HP	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY HU	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
DURALOY HW	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DURALOY HX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DURALOY MO-RE 1 (1)	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY MO-RE 1 (2)	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY MO-RE 10	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY MO-RE 2 (1)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DURALOY MO-RE 2 (2)	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DURALOY MO-RE 21	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY MO-RE 3	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DURALOY MO-RE 31	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY MO-RE 5	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DURALOY NA-3	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURALOY SUPER 22-H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
DURALUMIN	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALUMIN 681B	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALUMIN 681ZB	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALUMIN DM31	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALUMIN G	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALUMIN K	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALUMIN KC	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALUMIN L	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALUMIN LC	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
DURALUMIN S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALUMIN SUPER	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALUMIN T	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURALUMIN Z	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURALUMIN-L	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURANALIUM	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURANALIUM 3.5	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURANALIUM 7	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURANALIUM 9	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURANICKEL 301	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DURANICKEL ALLOY 301	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DURCILIUM	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURCILIUM B	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURCILIUM L	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURCILIUM M	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
DURCILIUM-F	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURCILIUM-M	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
DURCILUM-Z	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
DURCO D-10	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
DURIMET 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURIMET-20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
DURINVAL	iron	Chem Equip (2B350, Ni>40, see page 207)
DYNAMAX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
E ALLOY	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
E(6Al-6V-2Sn)	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
E.A 1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
E11 (IEC)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
E2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
E26-1	stainless steel	Does not meet requirements of any control in Table 2
EASTERN N-4	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EASTERN N-5	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
EASTERN NO. 1030	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EASTERN NO. 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EASTERN NO. 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EASTERN NO. 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
EASTERN NO. 530	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EASTERN NO. 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EASTERN NO. 702	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EASTERN NO. 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
EASTERN NO. 750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EASTERN NO. 801	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EATONITE	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
E-bite	stainless steel	Does not meet requirements of any control in Table 2

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
EF NICKEL POWDERS	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-435	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-437	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-437A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-437B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-437R	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-559A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-598	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-602	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-607	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-607A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-617	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-652	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-765	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-826	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-827	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-867	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-868	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
EI-869	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EI-893	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
El-894	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
El-929	nickel	Chem Equip (2B350, Ni>40, see page 207)
EISENNICKEL 75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EK30A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EK41A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EKATIT 25-25	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EKATIT G 10	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Elec Cu	copper	Does not meet requirements of any control in Table 2
ELECTROFORMED NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ELECTROLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ELECTROMET COLUMBIUM METAL	niobium	Chem Equip (2B350, Nb>50, see page 207)
ELECTROMET MANGANESE-NICKEL TITANIUM	titanium	Chem Equip (2B350, Ti>50, see page 207) Crude or semi-fabricated forms (1C002.a.2., Ti>50 and Al>10, see page 209)
ELECTROMET NICKEL BORON	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ELECTROMET NICKEL-ZIRCONIUM	nickel	Chem Equip (2B350, Ni>40, see page 207)
ELECTROMET TANTALUM METAL	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
ELECTRON CM-SI	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON AM503	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON AM537	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON EQ21A	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON M2	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON MCZ	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON MCZ/EK31	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON WE54	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON ZM21	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON ZRE0	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON ZRE0	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON ZTY	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON ZW 2	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON ZW1	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ELEKTRON ZW1/ZK10	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
Elgiloy	cobalt	Does not meet requirements of any control in Table 2
ELINVAR EXTRA	iron	Chem Equip (2B350, Ni>40, see page 207)
EMPIRE 6X	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EMPIRE D	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EMPIRE NO. 60-20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMPIRE NO. 75-20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMPIRE SHA	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EMVAC 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
EMVAC 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC 600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC 751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC 800 H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EMVAC 90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC HB2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC HC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC K500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC NIFE 37	iron	Chem Equip (2B350, Ni>40, see page 207)
EMVAC NIFE 50	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
EMVAC NIFE 75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVAC WP	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVACAST 235	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EMVACAST 713C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EN AM-90500	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
EN AM-90502	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
EN AM-90504	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
EN AM-92404	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
EN AM-92405	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
EN AM-92802	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
EN AW-2014	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
EN AW-2024	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
EN AW-7075	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
EN42	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
ENDEWRANCE 206T	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ENDEWRANCE 50B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDEWRANCE 50CU	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
ENDEWRANCE 53WC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDEWRANCE 54	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDEWRANCE 55	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDEWRANCE 56HC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDEWRANCE 56HCWC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDEWRANCE 56LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDEWRANCE 60	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ENDURO 20-25	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EN-MA40010	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MAMgMn1	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB10010	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB10020	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB10021	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB10030	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB10031	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB21210	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB40010	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB40020	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB95310	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB95320	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
EN-MB99.5	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB99.80-A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB99.80-B	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB99.95-A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MB99.95-B	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MBMgAl2Mn	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MBMgMn1	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MBMgMn2	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MBMgY4RE3Zr	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MBMgY5RE4Zr	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MC21210	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MC95310	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MC95320	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MCMgAl2Mn	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MCMgY4RE3Zr	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EN-MCMgY5RE4Zr	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
EQ21A	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ERA H.R. 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ERGAL 55	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ERGAL 65	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ERGALPLAT 65	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ERGILOY 4602 HH	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ERGILOY 4617 HH	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ERGILOY 4816 HI	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ERGILOY 4969 HN	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ES-904L	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESCO 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESCO 20E	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESCO 22	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ESCO 22H	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 22S	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 23	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 25	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 26	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 27	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 28	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 54	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESCO 55	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ESCO 56	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 57	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ESCO 58	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESCO 802	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESCO NO. 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESCO STAINLESS NO.49	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESSHETE 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ESSHETE 800L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ETERNOS NAT 32	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EUREKA	copper	Chem Equip (2B350, Ni>40, see page 207)
EUREKA 100-A PURE NICKEL BARE ROD	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EUREKA NO. 5545-A CUPRO-NICKEL BARE ROD	copper	Chem Equip (2B350, Ni>40, see page 207)
EUZONIT	nickel	Chem Equip (2B350, Ni>40, see page 207)
EUZONIT 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EUZONIT 70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EUZONIT 85	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EV. 25	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
EV. 37	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
EV. 60	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EVANOHM	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
EVANOHM ALLOY R	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EVANOHM ALLOY S	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EWCe-2	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
EWLa-1	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
EWTh-1	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
EWTh-2	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
EWZr-1	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
EXCELLO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
EXCELSIOR F & G 1	copper aluminium	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
F & G 3	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
F & G 5	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
F(8Al-1Mo-1V)	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
F.3314	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
F.3545	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
F.8417	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
F.U.G. 1	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
F-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
F11	steel	Does not meet requirements of any control in Table 2
F-11	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-12	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-13	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-14	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-15	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-16	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-17	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-18	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-19	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
F-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
F20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
F-20	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
F-21	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
F22	steel	Does not meet requirements of any control in Table 2
F-23	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-24	titanium	Chem Equip (2B350, Ti>50, see page 207)

F-

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
F-25	titanium	Chem Equip (2B350, Ti>50, see page 207)
F255	stainless steel	Does not meet requirements of any control in Table 2
F-28	titanium	Chem Equip (2B350, Ti>50, see page 207)
F289	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
F-29	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-30	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-31	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-32	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-33	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-34	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-4	titanium	Chem Equip (2B350, Ti>50, see page 207)
F5	steel	Does not meet requirements of any control in Table 2
F-5	titanium	Chem Equip (2B350, Ti>50, see page 207)
F56	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
F58	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
F-6	titanium	Chem Equip (2B350, Ti>50, see page 207)
F-7	titanium	Chem Equip (2B350, Ti>50, see page 207)
F75	cobalt	Does not meet requirements of any control in Table 2
F9	stainless steel	Does not meet requirements of any control in Table 2
F-9	titanium	Chem Equip (2B350, Ti>50, see page 207)
FA 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FA 20CB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FA 20CB3	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FAGERSTA R-860	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FAHRALLOY C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FAHRALLOY F-1	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
FAHRALLOY F-11	nickel	Chem Equip (2B350, Ni>40, see page 207)
FAHRALLOY F-1260	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FAHRALLOY F-5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FAHRALLOY F-5-B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
FAHRALLOY-HU CB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
FAHRITE N-31	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FAHRITE N-9 A	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FANSTEEL 103 METAL	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL 222	tantalum	Chem Equip (2B350, Ta>50, see page 207)
FANSTEEL 291 METAL	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL 42	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
FANSTEEL 60	tantalum	Chem Equip (2B350, Ta>50, see page 207)
FANSTEEL 60 METAL	tantalum	Chem Equip (2B350, Ta>50, see page 207)
FANSTEEL 61 METAL	tantalum	Chem Equip (2B350, Ta>50, see page 207)
FANSTEEL 63 METAL	tantalum	Chem Equip (2B350, Ta>50, see page 207)
FANSTEEL 80	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL 80 METAL	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL 82	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL 85	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL 85 METAL	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL BL2	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
FANSTEEL COLUMBIUM	niobium	Chem Equip (2B350, Nb>50, see page 207)
FANSTEEL CS FOIL	tantalum	Chem Equip (2B350, Ta>50, see page 207)
FANSTEEL TPX	tantalum	Chem Equip (2B350, Ta>50, see page 207)
FASALLOY 139	silver	Chem Equip (2B350, Ni>40, see page 207)
FCW NICKEL POWDERS	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FEDERATED F0042N	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
FEDERATED F024	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
FeNb60Ta1Al3.5	niobium	Chem Equip (2B350, Nb>50, see page 207)
FeNb60Ta1Al3Sn	niobium	Chem Equip (2B350, Nb>50, see page 207)
FeNb60Ta1Al6	niobium	Chem Equip (2B350, Nb>50, see page 207)
FeNb60Ta5Al2	niobium	Chem Equip (2B350, Nb>50, see page 207)
FeNb60Ta5Al6	niobium	Chem Equip (2B350, Nb>50, see page 207)
FeNb60Ta5Al6Sn	niobium	Chem Equip (2B350, Nb>50, see page 207)
FeNb65	niobium	Chem Equip (2B350, Nb>50, see page 207)
FeNi31Cr27Mo4Cu1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FeNi32Cr20Ti	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FeNi32Cr21AlTi	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FeNi32Cr21AlTi4	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FeNi32Cr21AlTi-HC	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FeNi32Cr21AlTi-HT	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FeNi32Cr21Ti	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FeNi35Cr20Cu4Mo2	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Fe-Ni50	nickel	Chem Equip (2B350, Ni>40, see page 207)
Fe-Ni50.5	nickel	Chem Equip (2B350, Ni>40, see page 207)
Fe-Ni50Cr1	nickel	Chem Equip (2B350, Ni>40, see page 207)
Fe-Ni51.5	nickel	Chem Equip (2B350, Ni>40, see page 207)
Fe-Ni54	nickel	Chem Equip (2B350, Ni>40, see page 207)
Ferallium255	stainless steel	Does not meet requirements of any control in Table 2
FERNITE NO. L	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FERROCHRONIN 15-60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FERROCHRONIN 20-30	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FERROCHRONIN 75-15	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FERROCOLUMBIUM-VACUUM	niobium	Chem Equip (2B350, Nb>50, see page 207)
FERROTHERM 4860	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FERROTHERM 4861	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FERROTHERM 4876	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FERROTHERM 4877	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FERRY	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
FERRY ALLOY	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
FERRYNOX 65	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FIELD	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FIELD ROLLED	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FILNIC H	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FILNIC M	nickel	Chem Equip (2B350, Ni>40, see page 207)
FIREARMOR A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FIREARMOR B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FIRTH FS-27	nickel	Chem Equip (2B350, Ni>40, see page 207)
FIRTH-WICKERS VIKRO	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FLETCHERS BEARING METAL	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
FM202	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
FNb1	niobium	Chem Equip (2B350, Nb>50, see page 207)
FNb2	niobium	Chem Equip (2B350, Nb>50, see page 207)
FO 25-20 U.	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
FORD 406	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
FRONTIER NO. 33	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
FSX-414	cobalt	Does not meet requirements of any control in Table 2
FUCHS DUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
FUCHS MG 2	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
FUCHS MG 20	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
FUCHS T 2	titanium	Chem Equip (2B350, Ti>50, see page 207)
FUCHS T 3	titanium	Chem Equip (2B350, Ti>50, see page 207)
FUCHS T 6	titanium	Chem Equip (2B350, Ti>50, see page 207)
FUCHS TA 44	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
FUCHS TA 52	titanium	Chem Equip (2B350, Ti>50, see page 207)
FUCHS TA 64	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
FUCHS TA 66	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
FUCHS TA 74	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
FUCHS TC 02	titanium	Chem Equip (2B350, Ti>50, see page 207)
FUCHS TL 10	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
FUCHS TL 44	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
FUCHS TL 52	titanium	Chem Equip (2B350, Ti>50, see page 207)
FUCHS TL 64	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
FUCHS TP 02	titanium	Chem Equip (2B350, Ti>50, see page 207)
G(6Al-2Nb-1Ta-0.8Mo)	titanium	Chem Equip (2B350, Ti>50, see page 207)
G(6Al-2Sn-4Zr-2Mo)	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
G.F.A. NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
G.W.32	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
GALLIMORE METAL	nickel	Chem Equip (2B350, Ni>40, see page 207)
G-ALLOY	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
G-ALMG3SI	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
GALVALUME PLUS	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
GALVOMAG	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 224) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
GE 1570	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GE 473	tantalum	Chem Equip (2B350, Ta>50, see page 207)
GEMINOL N	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
GEMINOL P	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GENALLOY	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
GENERAL ALLOYS Q-81	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GENERAL ALLOYS Q-85	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GENERAL ALLOYS Q-86	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GENERAL ALLOYS Q-87	nickel	Chem Equip (2B350, Ni>40, see page 207)
GENERAL ALLOYS Q-88	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GENERAL ALLOYS Q-89	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GENERAL ALLOYS Q-90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
GENERAL ALLOYS X-6	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GENESEE 305	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GILGRID 10	nickel	Chem Equip (2B350, Ni>40, see page 207)
GILGRID 30	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GLASS SEALING 42	iron	Chem Equip (2B350, Ni>40, see page 207)
GLASS SEALING 49	nickel	Chem Equip (2B350, Ni>40, see page 207)
GLOWRAY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GMR 235	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GMR 235 D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GMR 236	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
GMR235	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GMR-235	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Grade # 120	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Grade # 130	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Grade # 140	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Grade # 150	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Grade # 160	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
Grade # 162	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
Grade # 562	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
Grade 1	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 1 ELI	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 1/F-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 10	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 11	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 12	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 13	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 14	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 15	titanium	Chem Equip (2B350, Ti>50, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Grade 16	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 17	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 18	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 19	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Grade 2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Grade 2/F-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 20	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Grade 21	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Grade 23	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 24	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 25	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 26	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 27	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 28	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 29	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 3	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 3/F-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 30	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 31	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 32	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 33	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 34	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 4	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 4/F-4	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 5	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Grade 6	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 7	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade 9	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Grade B	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Grade3	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade4A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grade4B	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grades 4A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Grades 4B	titanium	Chem Equip (2B350, Ti>50, see page 207)
GRAMIX GRADE NO. 560	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
GreekAscoloy	stainless steel	Does not meet requirements of any control in Table 2
GRIDALOY M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GRIDALOY P	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GRIDNIC C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GRIDNIC E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GRIDNIC T	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GRM 235D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
GTD222	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
G-Ti2	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-Ti2Pd	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-Ti3	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-Ti3Pd	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-Ti99.4	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-Ti99.4PD	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-TiAl5Fe2.5	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-TiAl6Sn2Zr4Mo2Si	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-TiAl6V4	titanium	Chem Equip (2B350, Ti>50, see page 207)
G-TiAl6Zr5Mo0.5Si	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
G-TiNi0.8Mo0.3	titanium	Chem Equip (2B350, Ti>50, see page 207)
GURONIT 20-25MO	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GURONIT GS25-35	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GUY'S ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
GX2NiCrMoCuNi25-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GX30CrNiSiNb24-24	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GX40NiCrSi35-25	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GX50NiCr3525	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GX50NiCr3919	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
GX5NiCrCuMo2921	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
GX5NiCrSiMoCu2419	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
G-X8NiCrMoCuNb252032	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
G-XNiCrMoCuNb25-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
H R C MAX	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
H(6Al-4V-SPL)	titanium	Chem Equip (2B350, Ti>50, see page 207)
H-11	iron	Does not meet requirements of any control in Table 2
H12	tool steel	Does not meet requirements of any control in Table 2
H13	tool steel	Does not meet requirements of any control in Table 2
H17	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
H18	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
H8F	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
H8H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HA25	stainless steel	Does not meet requirements of any control in Table 2
HAFNIUM	hafnium	Unspecified forms (1C231, Hf>60, see page 225)
HAGESTA 0060 M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAGESTA 1855 MW	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-380 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-400 ALLOY	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-42 ALLOY	iron	Chem Equip (2B350, Ni>40, see page 207)
HAI-46 ALLOY	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
HAI-52 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207)
HAI-600 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-601 ALLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-63 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
HAI-64 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-66 ALLOY	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-CUNI 102	copper	Chem Equip (2B350, Ni>40, see page 207)
HAI-JN	copper	Chem Equip (2B350, Ni>40, see page 207)
HAI-KN	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-KP	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NI 211	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NI 270	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NI 634	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NI 99	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NICR 35	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HAI-NICR 35 CB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HAI-NICR 40	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HAI-NICR 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NICR 70	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NICR 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAI-NICR 80 CB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HALLIMAX I	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HALLIMAX II	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HANFORD 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HARD KOTE T	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HARDITE A	nickel	Chem Equip (2B350, Ni>40, see page 207)
HARDITE C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HARDITE S	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HARDITE X	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
HARVEY 66S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HARVEY HA-1900	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-1930	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-1940	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-1940 PD	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-1950	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-1970	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-4145	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HARVEY HA-5137	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-5137 ELI	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-5158	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HARVEY HA-6148	titanium	Chem Equip (2B350, Ti>50, see page 207)
HARVEY HA-6510	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HARVEY HA-6510 ELI	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HARVEY HA-7146	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HARVEY HA-8116	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Hast BC1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastB2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastB3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastC2000	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastC22	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastC276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastC4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY ALLOY 500	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY 700	nickel	Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY ALLOY B-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY ALLOY C	nickel	Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY C (POWDER)	nickel	Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY C-22	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY ALLOY C-276	nickel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
HASTELLOY ALLOY C-4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY ALLOY F	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY G	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY G-3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY G-30	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY ALLOY N	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY ALLOY S	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY ALLOY X	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
Hastelloy B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY B-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Hastelloy C	nickel	Chem Equip (2B350, Ni>40, see page 207)
HASTELLOY C WIRE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY C-276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Hastelloy F	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
Hastelloy N	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY R-235	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HASTELLOY T	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Hastelloy W	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Hastelloy X	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HastF	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastG	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HastG2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastG3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HastG30	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HastN	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
HastR	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastW	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HastX	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HAYNES 214	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HAYNES ALLOY NO. 20 MOD	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HAYNES ALLOY NO. 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 201	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 208 PM	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HAYNES ALLOY NO. 214	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 230	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HAYNES ALLOY NO. 40 (POWDER)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 40 (ROD)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 41 (POWDER)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 41 (ROD)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 43	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 44	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 45	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 46	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 48	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
HAYNES ALLOY NO. 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 713C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HAYNES ALLOY NO. 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HAYNES ALLOY R-41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HAYNES ALLOY X750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Haynes188	cobalt	Does not meet requirements of any control in Table 2
Haynes230	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Haynes36	cobalt	Does not meet requirements of any control in Table 2
Haynes556	iron	Does not meet requirements of any control in Table 2
HCR ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207)
HDNC-400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
HDNC-500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
HE 2048	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HEAVY TUNGSTEN-W2	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
HECKFORD ALLOY 400	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HECKFORD HP NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HECKFORD N/C 37/18	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HECKFORD N/C 60/16	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HECKFORD N/C 76/16	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HECKFORD N/C 80/20C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HECKFORD N/C 80/20W	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HECLA A.T.G.	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HECNUM	copper	Chem Equip (2B350, Ni>40, see page 207)
HEDDRONAL 3.5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HEDDRONAL 5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HEDDRONAL 7	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HEDDUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
HELUMIN	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
HENRICOT HIB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HIG	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HIL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HIM2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HIT	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HIW	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HN	iron	Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HNS0	nickel	Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HNF	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HT2	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HT21	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HT25	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HT3	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HT31	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HT32	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HT33	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HT35	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HT50	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HT51	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HENRICOT HT6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HT60	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HT70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HT75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HENRICOT HV90	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HV91	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT HV98	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HENRICOT MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Hf	hafnium	Unspecified forms (1C231, Hf>60, see page 225)
HG15	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HG-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HIDUMINIUM 01	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
HIDUMINIUM 66	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HIDUMINIUM 72	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
HIDUMINIUM RR 77	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
HIDUMINIUM RR-66	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HIDUMINIUM RR88	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
HIDUMINIUM-14	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HIGH MANGANESE NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HIGH PERMEABILITY 49 HIGH SPEED TOOL-A	alloy steel nickel	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HILANIC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HILLS-MCCANNA NO. 54	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HILLS-MCCANNA NO. 55	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HILO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HILO MODIFIED	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HIPERNIK	nickel	Chem Equip (2B350, Ni>40, see page 207)
HIPERNIK V	nickel	Chem Equip (2B350, Ni>40, see page 207)
HIPERNOM V	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HI-TEMP 720	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HI-TEMP 721 (LOW CARBON)	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HI-TEMP 910	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HI-TEMP 930	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HK 4 M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HM21A	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
H-Mg99.8	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
H-Mg99.95	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
HN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HN40	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HODUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
HOLLUP NO. 6723	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HOSKINS 827	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HOSKINS ALLOY 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HOSKINS ALLOY 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HOSKINS ALLOY 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HOSKINS ALLOY 831	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HP	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HP NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HPM-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HPW-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HR MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HR.10	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HR.204	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HR160	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HR205	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HRA 376	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HS-1	cobalt	Does not meet requirements of any control in Table 2
HS-12	tool steel	Does not meet requirements of any control in Table 2
HS-19	cobalt	Does not meet requirements of any control in Table 2
HS-21	cobalt	Does not meet requirements of any control in Table 2
HS25-L605	stainless steel	Does not meet requirements of any control in Table 2
HS-31	cobalt	Does not meet requirements of any control in Table 2
HS-4	cobalt	Does not meet requirements of any control in Table 2
HS-6B	cobalt	Does not meet requirements of any control in Table 2
HU	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

HU

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
HU	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HU50	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HU-50	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
HW	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HW50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HX50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HY 43	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
HYBNICKEL A	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HYBNICKEL A-1	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HYBNICKEL C	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HYBNICKEL S	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
HYDREX HR 6015	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HYDRONALIUM 43	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
HYDRONALIUM 7	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
HYLITE 10	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE 15	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE 20	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE 30	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE 40	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HYLITE 45	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HYLITE-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE-15H	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE-25	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE-50	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HYLITE-51	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HYLITE-55	titanium	Chem Equip (2B350, Ti>50, see page 207)
HYLITE-60	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HYLITE-65	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
HYMU 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HYMU 800	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HyMu80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
HYPERM-702	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>		
HYPERM-766	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		
HYPERNOM	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		
HYRESIST 94L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
	HYTEMCO	nickel	Chem Equip (2B350, Ni>40, see page 207)	
Pressure sensors (2B230.a., Ni>60, see page 228)				
Valves (2A226, Ni>60, see page 227)				
I-102	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		
I-49	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		I-600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207)
Pressure sensors (2B230.a., Ni>60, see page 228)				
Valves (2A226, Ni>60, see page 227)				
I-601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
		Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
I-602	nickel	Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
		Chem Equip (2B350, Ni>40, see page 207)		
I-602	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
I-617	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
I-625	Ni-Cr	Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
		Chem Equip (2B350, Ni>40, see page 207)		
I-690	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
I-700	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		I-702	nickel	Chem Equip (2B350, Ni>40, see page 207)
			Pressure sensors (2B230.a., Ni>60, see page 228)	
Valves (2A226, Ni>60, see page 227)				
I-706	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		I-713	nickel	Chem Equip (2B350, Ni>40, see page 207)
Pressure sensors (2B230.a., Ni>60, see page 228)				
Valves (2A226, Ni>60, see page 227)				
I-718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
		Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
I-720	nickel	Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
I-722	nickel	Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
I-725	nickel	Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)		
		Chem Equip (2B350, Ni>40, see page 207)		
I-738	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		
		Chem Equip (2B350, Ni>40, see page 207)		
I-750	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		
I-792	nickel	Chem Equip (2B350, Ni>40, see page 207)		
		Pressure sensors (2B230.a., Ni>60, see page 228)		
		Valves (2A226, Ni>60, see page 227)		

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
I-800	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
I-800	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
I-801	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
I-825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
I-825	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
I-901	nickel	Chem Equip (2B350, Ni>40, see page 207)
I-903	nickel	Chem Equip (2B350, Ni>40, see page 207)
I-907-909	iron	Chem Equip (2B350, Ni>40, see page 207)
I-939	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
IA-IA	copper	Chem Equip (2B350, Ni>40, see page 207)
ICI TITANIUM 115	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 120	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 125	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 130	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 150	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 160	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 230	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 314A	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
ICI TITANIUM 314C	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 317	titanium	Chem Equip (2B350, Ti>50, see page 207)
ICI TITANIUM 318A	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
ICI TITANIUM 679	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IDEAL (ELALCO)	copper	Chem Equip (2B350, Ni>40, see page 207)
IGNIDUR PK30	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
IGS-CHRONIN 110	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IK	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ILLIUM 98	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ILLIUM 98 HF	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ILLIUM R	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ILLIUM-B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ILLIUM-G	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ILLIUM-M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ILLIUM-W	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMI 834	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 230	titanium	Chem Equip (2B350, Ti>50, see page 207)
IMI TITANIUM 260	titanium	Chem Equip (2B350, Ti>50, see page 207)
IMI TITANIUM 315	titanium	Chem Equip (2B350, Ti>50, see page 207)
IMI TITANIUM 317	titanium	Chem Equip (2B350, Ti>50, see page 207)
IMI TITANIUM 318	titanium	Chem Equip (2B350, Ti>50, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
IMI TITANIUM 550	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 551	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 679	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 680	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 684	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 685	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 700	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMI TITANIUM 829	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
IMP-10	titanium	Chem Equip (2B350, Ti>50, see page 207)
IMP-7	titanium	Chem Equip (2B350, Ti>50, see page 207)
IMPALCO 740	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
IMPALCO 750	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
IMPALCO 760	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
IMPALCO C66	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
IMPHY A.T.E.	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY A.T.G.	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY ADR	iron	Chem Equip (2B350, Ni>40, see page 207)
IMPHY AMF	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY ARC 164	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY B.T.E.	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY C.T.E.	copper	Chem Equip (2B350, Ni>40, see page 207)
IMPHY M-1628	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY N42	iron	Chem Equip (2B350, Ni>40, see page 207)
IMPHY N48	iron	Chem Equip (2B350, Ni>40, see page 207)
IMPHY N54	nickel	Chem Equip (2B350, Ni>40, see page 207)
IMPHY N58	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY RNC 2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
IMPHY RNC 3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IMPHY RNC 30	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
IMPHY ZCR 716C	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
IMPROVITE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN 100	nickel	Chem Equip (2B350, Ni>40, see page 207)
IN 731	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN 738	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-102	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-162	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN60	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN61	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN62	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-643	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
IN6A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
IN-731	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-792	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN82	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-853 (MA-753)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCO 13	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCO 700	nickel	Chem Equip (2B350, Ni>40, see page 207)
INCO 739	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
INCO ALLOY 020	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCO ALLOY 25-6MO	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCO ALLOY 330	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCO ALLOY 330	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCO ALLOY C-276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCO ALLOY G-3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCO ALLOY HX	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCO ALLOY MS 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
INCO B MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
INCO F-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCO IN-100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCO IN-102	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCO MS 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
INCOBAR NICKEL ANODES	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCOCAL ALLOY 10	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCOLOY 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY 801	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCOLOY 864	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Incoloy 901	nickel	Chem Equip (2B350, Ni>40, see page 207)
Incoloy 901 Mod	nickel	Chem Equip (2B350, Ni>40, see page 207)
INCOLOY ALLOY 020	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 028	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 25-6MO	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 330	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 800	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 800HT	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 801	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 802	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 803	alloy steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 825	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCOLOY ALLOY 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCOLOY ALLOY 864	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
INCOLOY ALLOY 903	iron	Chem Equip (2B350, Ni>40, see page 207)
INCOLOY ALLOY 907	iron	Chem Equip (2B350, Ni>40, see page 207)
INCOLOY ALLOY 908	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
INCOLOY ALLOY 909	iron	Chem Equip (2B350, Ni>40, see page 207)
INCOLOY ALLOY 925	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCOLOY FILLER METAL 65	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
Incoloy840	iron	Does not meet requirements of any control in Table 2
INCOMAG ALLOY 1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
INCOMAG ALLOY 3LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCOMAG ALLOY 4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCOMAP ALLOY AL-9052	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
INCOMAP ALLOY AL-905XL	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
INCOMET NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Inconel 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL 604	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Inconel 702	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Inconel 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Inconel 722	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 050	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY 600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 601GC	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 617	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY 622	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY 625	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 625LCF	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
INCONEL ALLOY 671	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY 686	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 690	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 702	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 706	nickel	Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY 717C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY 718SPF	nickel	Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY 721	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 722	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 725	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY 806	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY C-276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY G-3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY HX	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
INCONEL ALLOY MA 754	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY MA 758	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL ALLOY X-750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL WELDING ELECTRODE 113	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Inconel X750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCONEL X-750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCOTHERM ALLOY TC	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
INCOTHERM ALLOY TD	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INCOTHERM ALLOY TG	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INDUSTRIAL NO. 20-25	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
IN-FLUX 625-O	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
IN-FLUX 82-O	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INOR-8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
INTAL N 54	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
INVAR	iron	Chem Equip (2B350, Ni>40, see page 207)
Invar 36	alloy steel	Does not meet requirements of any control in Table 2
INVAR 42	iron	Chem Equip (2B350, Ni>40, see page 207)
INVAR FREE-MACHINING	iron	Chem Equip (2B350, Ni>40, see page 207)
INVARIANT	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
IRCAMET	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
IS4522	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ISA-CHROM 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISA-CHROM 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISA-MINUS	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
ISA-NICKEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISAOHM	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISATHERM MINUS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISATHERM PLUS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISO 5832-6	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ISO 5832-8	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ISOCAST 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ISOCAST 31	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISOCAST 32	nickel	Chem Equip (2B350, Ni>40, see page 207)
ISOCAST 35	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISOCAST 60-20A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ISO-CAST B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISO-CAST C	nickel	Chem Equip (2B350, Ni>40, see page 207)
ISO-CAST HN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ISO-CAST HU	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
ISO-CAST HW	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISO-CAST HX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISO-CAST MONEL-E	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISOCAST N	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISO-CAST NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISOPERM 2	iron	Chem Equip (2B350, Ni>40, see page 207)
ISOPERM 3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ISOPERM-1	iron	Chem Equip (2B350, Ni>40, see page 207)
ISOTAN	copper	Chem Equip (2B350, Ni>40, see page 207)
ISOTAN-TH	copper	Chem Equip (2B350, Ni>40, see page 207)
IX750	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
J L	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
J-1500	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
J-1530	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
J-1570	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
J-1600	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
J-1650	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JAE METAL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JANUSIT-E	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JELLIFF ALLOY 45	copper	Chem Equip (2B350, Ni>40, see page 207)
JELLIFF ALLOY 800	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JELLIFF ALLOY A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JELLIFF ALLOY C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JELLIFF ALLOY D	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
JELLIFF HP (HIGH PURITY) NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JESSOP G39	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JESSOP JS700	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JESSOP JS-777	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JESSOP-SAVILLE G 110	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
JESSOP-SAVILLE G 125 D V	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
JESSOP-SAVILLE G 40	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JESSOP-SAVILLE G 84	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JESSOP-SAVILLE G 94	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JESSOP-SAVILLE ZIRCONIUM	zirconium	Chem Equip (2B350, Zr>50, see page 207)
Jetalloy	cobalt	Metallic powders (1C111.a.2.a., Zr>97, see page 223) Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JOHNSON	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JS-700	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 1205	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
JUNKER A 1234 NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 1237	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 25 M NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 25 MK NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 25 MKN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 26 MKN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 27 MKN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 28 MKN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 29 MKN	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 31 MKN	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 35 MKN	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER A 41 MKN	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
JUNKER A 42 MKN	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
JUNKER A 56 M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER A 57 M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER A 65 M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER A 75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER G-NI 95	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER G-NI CU 30 NB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER IN 657	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
JUNKER NI CR 50	nickel	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
JUNKER NI MO 59	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER NI MO 69	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
JUNKER X	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
K1A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
K-42-B	nickel	Chem Equip (2B350, Ni>40, see page 207)
K-63	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KAISER 24 S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
KAISER 52 S	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KAISER 75 S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
KAISER ALUMINUM 7049	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
KAISER ALUMINUM 7050	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
KAISER ALUMINUM 7149	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
KARMA	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KBI 40 ALLOY	tantalum	Chem Equip (2B350, Ta>50, see page 207)
KBI 41 ALLOY	tantalum	Chem Equip (2B350, Ta>50, see page 207)
KBI COLUMBIUM	niobium	Chem Equip (2B350, Nb>50, see page 207)
KBI-1	niobium	Chem Equip (2B350, Nb>50, see page 207)
KBI-10	tantalum	Chem Equip (2B350, Ta>50, see page 207)
KBI-10 ALLOY	tantalum	Chem Equip (2B350, Ta>50, see page 207)
KBI-3	niobium	Chem Equip (2B350, Nb>50, see page 207)
KBI-40	tantalum	Chem Equip (2B350, Ta>50, see page 207)
KBI-40 ALLOY	tantalum	Chem Equip (2B350, Ta>50, see page 207)
KBI-6	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.c., Ta>98, see page 227)
KBI-6 ALLOY	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.c., Ta>98, see page 227)
KBI-TANTALUM	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
KENNERTIUM W-2	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
KH60IU	nickel	Chem Equip (2B350, Ni>40, see page 207)
KH70	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
KH70IU	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KH70MVTIUB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KH70VMTIU	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KH75MBTIU	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
KH77TLUR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KH78T	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KH80TBIU	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KHN 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KHN60V	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KINSALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KINSALLOY B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
K-MONEL K-O-1	Monel aluminium	Bearings or bearing systems (2A001.a., Monel, see page 226) Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KO44ELC	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KO45ELC	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KONALLOY NI38	iron	Chem Equip (2B350, Ni>40, see page 207)
KONALLOY NI42	heat resistant cast steel	Chem Equip (2B350, Ni>40, see page 207)
KONALLOY NI43	heat resistant cast steel	Chem Equip (2B350, Ni>40, see page 207)
KONALLOY NI46	heat resistant cast steel	Chem Equip (2B350, Ni>40, see page 207)
KONALLOY NI48	heat resistant cast steel	Chem Equip (2B350, Ni>40, see page 207)
KONALLOY NI49	heat resistant cast steel	Chem Equip (2B350, Ni>40, see page 207)
KONEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KONIT B	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KONIT C	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KONIT D	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
KONIT F	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
KONIT X	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
KONOLOY 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KONOLOY 825	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
KONONEL 600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KONSTANTAN	copper	Chem Equip (2B350, Ni>40, see page 207)
KONSTANTAN E	copper	Chem Equip (2B350, Ni>40, see page 207)
KOTHERM KN	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KOTHERM KP	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KOVAL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Kovar	alloy steel	Does not meet requirements of any control in Table 2
KROMAX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KROMORE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
KRUPP NI 48	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
KRUPP RNI 24	iron	Chem Equip (2B350, Ni>40, see page 207)
KUBOTA KHR 35C HISI	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KUBOTA KHR 35CL	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KUBOTA KHR 35CT	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KUBOTA KHR 35CT HISI	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KUBOTA KHR 35CW	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KUBOTA KHR20T	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KUBOTA KHR24C	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KUBOTA KHR35C	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
KULITTE K1850	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
KUPFER-NICKEL 54/45	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
KYNAL C 67	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KYNAL M 35/1	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KYNAL M 35/2	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KYNAL M36	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KYNAL M37	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KYNAL M39/1	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KYNAL Y88	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
KYNALCORE Z93A	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
KYNALCORE Z93C	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
L-7001	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
L-7103	titanium	Chem Equip (2B350, Ti>50, see page 207)
L-7301	titanium	Chem Equip (2B350, Ti>50, see page 207)
L-7701	titanium	Chem Equip (2B350, Ti>50, see page 207)
L-7702	titanium	Chem Equip (2B350, Ti>50, see page 207)
LA 21	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
LA BOUR R-55	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
LA-BOUR G-60	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LA-BOUR R-50	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
LANGALLOY 1R	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LANGALLOY 20V	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
LANGALLOY 4R	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LANGALLOY 5R	nickel	Chem Equip (2B350, Ni>40, see page 207)
LANGALLOY 6R	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LANGALLOY 7R	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LANGALLOY 8R	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LANGALLOY 9R	iron	Chem Equip (2B350, Ni>40, see page 207)
LC-N NICORROS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LCN-1	copper	Chem Equip (2B350, Ni>40, see page 207)
LC-NI99	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
L-CNI99.6	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LC-NICKEL 99.7 - ALLOY 220	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LC-NICr15Fe	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LEADED MONEL METAL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LEBANON 33	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
LEBANON CN37	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
LEBANON CN7M	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
LEBANON H810 (INCOLOY)	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
LEBANON HAB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LEBANON HAC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LEBANON HP	heat resistant cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
LEBANON HX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LEBANON INC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LEBANON M-30C	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LEBANON M-35-1	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LECHESNE	copper	Chem Equip (2B350, Ni>40, see page 207)
LENNEDUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
LESICALLOY 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LESICALLOY 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>40, see page 207)
LESICALLOY 901	nickel	Chem Equip (2B350, Ni>40, see page 207)
LESICALLOY D-979	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
LESICALLOY MARVAC 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
LESICALLOY MARVAC 300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
LESICALLOY WASPALLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
LESICALLOY X-750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LIBERTY PISTONS	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
LN-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
L-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LNS 4500	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
LNS NICRO 60/20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LOCKALLOY	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Unspecified forms (1C230, Be>50, see page 225)
LOIRE-NYS	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
LOIRE-NYSR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
LOIRE-RM60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Low-Carbon Nickel	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LUCERNO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LUCERO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LUNKENHEIMER ML-3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LUNKENHEIMER ML-5	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LUNKENHEIMER NS-5	nickel	Chem Equip (2B350, Ni>40, see page 207)
LUNKENHEIMER NT-7	nickel	Chem Equip (2B350, Ni>40, see page 207)
LUNORIUM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LURIUM 107B	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
LW 2325	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
LW 2326	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M AND A ALLOY NO. 32	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
M AND A NO. 28	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M AND A NO. 32	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
M.K. STEEL	iron	Chem Equip (2B350, Ni>40, see page 207)
M.M.M	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M1	tool steel	Does not meet requirements of any control in Table 2
M152	iron	Does not meet requirements of any control in Table 2
M1A	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
M1C	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
M2	tool steel	Does not meet requirements of any control in Table 2
M200	maraging steel	Does not meet requirements of any control in Table 2
M-204	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
M-205	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
M22	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M22VC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
M252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
M-255	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
M-30C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M-30H	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M350	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
M-35-1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M-35-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M4	tool steel	Does not meet requirements of any control in Table 2
M400	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
M400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M42	tool steel	Does not meet requirements of any control in Table 2
M-600	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MA-754	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MACLOY G	iron	Chem Equip (2B350, Ni>40, see page 207)
MAERKER 12 AXN	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAERKER EUZONIT 70.5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAERKER EUZONIT E4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAERKER EUZONIT G-4810	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAERKER EUZONIT G-60	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAERKER G-4536	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAERKER G-4559	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MAERKER G-4849	iron	Chem Equip (2B350, Ni>40, see page 207)
MAERKER G-4855	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAERKER G-4857	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAERKER G-4857M	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MAERKER G-4859	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAERKER IRRUBIGO 25	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAERKER IRRUBIGO 42	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MAERKER S & C SN 26 M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAERKER SL 10	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
MAERKER SL 15	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAERKER SL 8	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAERKER VG 508	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAG 14	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAG 141	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGALLOY RX-3	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGALLOY X-6	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGALUMA	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MAGAN-NICKEL ALNI	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGAN-NICKEL NIC 1.5	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGAN-NICKEL NIC 4	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGAN-NICKEL NIC 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGAN-NICKEL ZKNI	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGDAL	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MAG-E-101	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAG-E-141	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAG-F-101	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAG-F-141	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNALIUM (CAST Y)	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MAGNESIUM AZ80	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
MAGNESIUM EK-30	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM EK31A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM EK31D	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM EK41A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM EM22	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM EM42	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM EX31A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM HM11A	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM INGOT (PRIMARY), GRADE MG-1	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
MAGNESIUM INGOT (PRIMARY), GRADE MG-2	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM INGOT (PRIMARY), GRADE MG-4	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM K1A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM KIXI	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM M-1	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM MTZ	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNESIUM ZE10A	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
MAGNESIUM ZK60A	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
MAGNESIUM ZK61	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
MAGNESIUM ZK62	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
MAGNETHERM	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNIFER 50	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
MAGNIFER 53	nickel	Chem Equip (2B350, Ni>40, see page 207)
MAGNIFER 75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGNIFER 7754	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGNIFER 7904	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGNO (ELALCO)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGNO-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAGNOX ZA	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNOX-A12	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAGNOX-C	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAG-S-101	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MAG-S-141	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MALLORY 2985	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
MALLORY D-511	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MALLORY L-2748	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
MALLORY L-2749	titanium	Chem Equip (2B350, Ti>50, see page 207)
MANAURITE 50W	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MANAURITE 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MANDUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
MANGANESE NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
MANGANESE NICKEL 5%	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MANGANESE NICKEL-2%	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MANGANNICKEL 4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MANGONIC 3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MANGONIC 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MANGRID D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MANGRID E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAR300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
Maraging350	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
Maraging400	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
MaragingC200	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
MaragingC250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
MaragingC300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
MARESIST 28	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MARESIST 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MARESIST 904	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MARESIST 925	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MARESIST G 903	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MARESIST K 134	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MARKER S.N.42	nickel	Chem Equip (2B350, Ni>40, see page 207)
MAR-M ALLOY 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAR-M ALLOY 211	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAR-M ALLOY 246	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAR-M ALLOY 421	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAR-M ALLOY 432	nickel	Chem Equip (2B350, Ni>40, see page 207)
MarM002	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MarM200	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MarM246	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MarM247	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAR-M-247	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MarM302	cobalt	Does not meet requirements of any control in Table 2



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
MarM421	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MarM509	cobalt	Does not meet requirements of any control in Table 2
MarM905	cobalt	Does not meet requirements of any control in Table 2
MARSH PATENT	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MARVAL 18	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
MATRELOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MAXHETE NO. 4	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MAXHETE NO. 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAXHETE NO. 8	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MAXORB	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MB4	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MC 102	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MCADAMS ALLOY A	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MCFARLAND & HARDER ALLOY A	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
MCFARLAND & HARDER ALLOY C	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MCFARLAND & HARDER ALLOY D	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MCFARLAND & HARDER ALLOYS	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MCKAY 320	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MCKAY 320 WIRE	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MCKAY C-S	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MCKAY NICKALLOY 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MD-22	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MD-69	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MEGAPERM 4510	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
MEGAPERM 6510	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MELCHOIR WIRE-1	copper	Chem Equip (2B350, Ni>40, see page 207)
MELCHOR WIRE	copper	Chem Equip (2B350, Ni>40, see page 207)
METAMIC 247	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 12C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
METCO 14E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 15E, 15F	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 16C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 19E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 31C-NS	nickel	Chem Equip (2B350, Ni>40, see page 207)
METCO 36C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 404, 404NS	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 439, 4439NS-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 43C, 43C-NS, 43F-NS, 43VF-NS	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 44	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 450, 450NS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 451	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 56F-NS	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCO 57NS	copper	Chem Equip (2B350, Ni>40, see page 207)
METCO 58NS	copper	Chem Equip (2B350, Ni>40, see page 207)
METCO 63NS	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
METCO MONEL METAL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METCOLOY #33	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
METORITE	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Mg99.5	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
Mg99.80A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
Mg99.80B	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
Mg99.95	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
Mg99.95A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
Mg99.95B	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
MG-9Y-1 2N-0.5 2R	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216) Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MgMn2	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MgY4RE3Zr	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MgY5RE4Zr	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
Mg-Zn1Zr	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MHC	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
MI1	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MI2	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MI3	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MIDVALOY 1760	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MIDVALOY 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MIDVALOY 2025	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MIDVALOY 2060	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MIDVALOY 3030	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MIDVALOY A	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MIDVALOY A.M.F. ALLOY	iron	Chem Equip (2B350, Ni>40, see page 207)
MIDVALOY BTG	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MIDVALOY GTA	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MIDVALOY N METAL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MIDVALOY NO. 3-3-4	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MIL T-1368	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MILLS L52	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MILLS LM5M	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MINARGENT	copper	Chem Equip (2B350, Ni>40, see page 207)
MIS1	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MISCO 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MISCO 30-30	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MISCO H.N.	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MISCO HN-1	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MISCO HN-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MISCO METAL	iron	Chem Equip (2B350, Ni>40, see page 207)
MISCO MS	iron	Chem Equip (2B350, Ni>40, see page 207)
MIXEND	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

MM

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
MM 002	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM 004	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM 007	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM 008	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM001	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M-M-0011 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM002	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM004	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MMCB	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM-H	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MM-S	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Mn	manganese	Does not meet requirements of any control in Table 2
MNS NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Mo	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
MO-0.5 TI	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
MODIFIED MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MODIFIED MONEL METAL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOLECULLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOLECULLOY III	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOLY PERMALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOLYBDENUM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
MOLYBDENUM METAL	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
MOLYBDENUM PERMALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOLYBDENUM PERMALLOY 2-81	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
MOLYBDENUM	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERMALLOY 4-79		Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOLYBDENUM-0.05 ZR	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
MOLYMET	nickel	Chem Equip (2B350, Ni>40, see page 207)
MOND	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOND 70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOND NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL 401	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
MONEL 402	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL 403	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL 404	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
MONEL ALLOY 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL ALLOY 401	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
MONEL ALLOY 404	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
MONEL ALLOY 450	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
MONEL ALLOY 474	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
MONEL ALLOY 502	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL ALLOY K-500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL ALLOY R-405	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Monel Alloys	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL C	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL G	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONEL K-500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

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**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
MONEL K-502	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Monel400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Monel411	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MonelK500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MONIMAX	iron	Chem Equip (2B350, Ni>40, see page 207)
MONOX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MOPERMALLOY 4-79	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MO-PERMALLOY 4-79 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MO-RE 10	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MO-RE 10MA	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MP 210-MULTIPHASE ALLOY MP210N	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MP159 ALLOY	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MP159-MULTIPHASE ALLOY MP159	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MP35N	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MP35N ALLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MP35N-MULTIPHASE ALLOY MP35N	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MP4	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MPN159	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MR-9	titanium	Chem Equip (2B350, Ti>50, see page 207)
MRL-A8	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
MS ALLOY	iron	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
M5-250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
MS4	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MST 2AL-2FE	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
MST 3MN COMPLEX	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
MT-17	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MT4	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
MTEK 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 20-32NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 24-24NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 25-35	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 25-35COW	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 25-35LC	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 25-35MA	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 25-35NB	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 25-35NBW	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 25-35W	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
MTEK 28-48WCO	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MTEK 35-45MA	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

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**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
MTEK 35-50W	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MTEK 50-50NB	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MTEK 617	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MTEK 625	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MTEK 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MTEK 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MTEK ALLOY X	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MTEK CW-12MW	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MTEK CW-2M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MTEK CX-2MW	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MTEK CY-40	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MTEK N-12MV	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MTEK N-7M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MUELLER 2014	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
MU-GUARD 48	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
MU-GUARD 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MULTI-ALLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
MuMetal	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
MUMETAL 40	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Muntz	copper	Does not meet requirements of any control in Table 2
MURMANS ALLOY-1	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MURMANS ALLOY-2	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
MUVAR	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N.C.C. PIG	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NO	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO2200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO2201	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO2211	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO3300	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO4400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO4404	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
NO4405	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO5500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO6002	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NO6007	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NO6022	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO6025	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO6030	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NO6045	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NO6058	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO6059	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO6060	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
N06102	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06110	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06200	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06210	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06230	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06250	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N06255	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N06333	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N06455	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06603	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06617	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06686	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06690	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N06920	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N06975	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N06985	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N07001	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07080	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

NO

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
N07252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07500	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07716	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N07725	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N07750 Type 1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07750 Type 2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07750 Type 3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07752 Type 1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07752 Type 2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07773	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N07776	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N08020	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08024	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N08026	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08028	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08031	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08120	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08135	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08221	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N08320	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08330	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08332	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08366	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08367	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08367	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08535	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08700	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08800	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08801	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08810	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08811	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
N08904	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08904	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08925	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08926	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08926	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N08932	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
N09777	iron	Chem Equip (2B350, Ni>40, see page 207)
N09908	nickel	Chem Equip (2B350, Ni>40, see page 207)
N1	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N10001	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N10003	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N10276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N10624	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N10629	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N10665	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N10675	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N12160	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
N-12MV	nickel	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N-155 N18K8M3T	stainless steel maraging steel	Does not meet requirements of any control in Table 2 Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
N2	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
N-7M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA11	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA12	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA13	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA14	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

NA

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NA15	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NA15(H)	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NA15H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NA16	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NA17	iron	Chem Equip (2B350, Ni>40, see page 207)
NA18	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA19	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA21	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA22H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NA3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA32	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA33	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA35	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA39	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NA43	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA46	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA47	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA49	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NA51	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NA-65	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NACO 25	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NACO 575	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NarloyZ	copper	Does not meet requirements of any control in Table 2
NATB	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Nb	niobium	Chem Equip (2B350, Nb>50, see page 207)
NC	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC0002	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC0007	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC0012	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC0107	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC2000	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC2100	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC4020	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC4030	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC4130	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC4135	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC6022	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC6040	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC6455	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NC6625	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NC6985	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NC8826	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NCF600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF600TB	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF600TP	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF625	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF625TB	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF625TP	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF690	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF690TB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF690TP	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NCF750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NCF800H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NCF800HTB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NCF800HTP	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NCF800TB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NCF800TP	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NCF80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCF825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NCF825TB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NCF825TP	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NCK20D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCrFC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCuATB	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
NCuATP	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
NCuATW	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
NCuB	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
NCuC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NCuP	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
NCuT	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
NDB	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NDP	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NEO-BAROS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NES-3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NEUMAL D3	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
NEUTRALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NEUTROLOY	copper	Chem Equip (2B350, Ni>40, see page 207)
NEW TOOL STEEL CAST	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NH PIG	nickel	Chem Equip (2B350, Ni>40, see page 207)
Ni	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni 276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni 335	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni 400 HF	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Ni 405	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni 500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI ALLOY X	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NI C 1.5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI C 4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI C 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI RW 4 ZR	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni-01	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni-02	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni45	nickel	Chem Equip (2B350, Ni>40, see page 207)
Ni70Cu30	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni92 0	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99 6	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99 6E	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.0	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.0/LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.0-LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Ni99.2	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.4Fe	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.4NiO	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.6	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.7	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.7Mg0.05	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.7Mg0.07	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.8	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99.8Mg	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni99CSi	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIAL I	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICALLOY	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NICALOY	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NICALOY	nickel	Chem Equip (2B350, Ni>40, see page 207)
NICAR	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHRANEL-C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROLLOY I	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICHROLOY 72	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROLOY II	iron	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NICHROLOY III	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 30	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICHROME 40	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICHROME 50	nickel	Chem Equip (2B350, Ni>40, see page 207)
NICHROME 59 (INCONEL 601)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 6	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 70	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 73	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 80 CB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME 80S	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME I	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME II	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME III	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME IV	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROME S	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICHROME TYPE A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NichromeV	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROTHERM NCT-6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICHROTHERM NCT-8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKAHL STEEL	iron	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Nickel	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 201	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 205	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 211	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 212	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 220	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 222	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 225	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 230	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 233	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 240	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 241	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 270	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

Ni

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Nickel 716	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 99.0 MNRO	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 99.6	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL 99.6 K - ALLOY 233	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Nickel Alloys	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL ALUMINUM BRONZE	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208)
NICKEL C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL CHROME ALUMINUM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL CHROME PEERLESS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL CHROME PREMIER	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL CHROME SUPERIOR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL D-H	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL GRADE E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL GRADE T	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL HP	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL MAGNESIUM ALLOY NO.1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL MALLEABLE	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL N. 100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NICKEL N. 93	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL SPECIAL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL TI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-AT	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-CHROME-COPPER	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-CHROMIUM-IRON ALLOY 37/18	iron	Chem Equip (2B350, Ni>40, see page 207)
NICKELCOLUMBIUM- REGULAR	niobium	Chem Equip (2B350, Nb>50, see page 207)
NICKELCOLUMBIUM- VACUUM	niobium	Chem Equip (2B350, Ni>40, see page 207)
NICKEL-COPPER 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-COPPER ALLOY 405	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELEND	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELMANGAN 1	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELMANGAN 2 LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELMANGAN 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-MANGANESE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-MN 4.5% (MAGNO)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-NI-C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELOID	copper	Chem Equip (2B350, Ni>40, see page 207)
NICKEL-TUNGSTEN	wolfram	Chem Equip (2B350, Ni>40, see page 207)
NICKELVAC 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NICKELVAC C-263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICKELVAC H-B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC H-B2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC H-C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC H-C276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC HN	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC H-W	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC H-X	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICKELVAC N-80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC N-90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC W-722	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC X-750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC X-751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKELVAC-901	nickel	Chem Equip (2B350, Ni>40, see page 207)
NICKELVAC-F	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICKELVAC-INOR-8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKEL-ZIRCONIUM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKIMPHY	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKKAL STEEL	iron	Chem Equip (2B350, Ni>40, see page 207)
NICKREL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICKRELK	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCo20Cr15Mo5Al4Ti	nickel	Chem Equip (2B350, Ni>40, see page 207)
NiCo20Cr20Mo5Ti2Al	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCo21Cr15Mo5Al4Ti	nickel	Chem Equip (2B350, Ni>40, see page 207)
NICORROS AL-ALLOY K-500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NICORROS-ALLOY 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr10	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr15Fe	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr15Fe7Ti2Al	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr15Fe8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr15Fe8	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr15Fe8-LC	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr16Mo16Ti	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr19Fe19Nb5Mo3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCr20AlSi	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr20Co13Mo4Ti3Al	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr20Co18Ti	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr20Co18Ti3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr20Mo15	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr20Ti	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr20Ti2Al	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr20TiAl	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr21Fe18Mo	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCr21Fe18Mo9	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr21Fe18Mo9	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NiCr21Mo13Fe4W3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr22Co12Mo9	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr22Fe20Mo6Cu2Nb	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCr22Fe20Mo7Cu2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCr22Mo9Nb	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr23Fe	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr23Fe15Al	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr26Fe20Co3Mo3W3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCr28FeSiCe	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCr29Fe	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr29Fe9	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr2Mo	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCr6015	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr7030	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCr8020	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCrAL C	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NiCrAL C (SIRIUS 35)	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
NiCrAL F	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCrAL K 25	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCrAL KM	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiCrAL V	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NiCrAL Z	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCrALLOY-A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCrALLOY-B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NICRANOR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICRFE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROBRAZ 160	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 5	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 610	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 620	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 630	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 7	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 700	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROCOAT 9	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 3033	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3127HMO-ALLOY 31	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3127LC-ALLOY 28	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3220	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3220-ALLOY 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3220H-ALLOY 800H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3220HT-ALLOY 800HT	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3220LC-ALLOY 800L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3228NBCE-ALLOY AC66	alloy steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3519 NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 3620NB - ALLOY 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROFER 4221-ALLOY 825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NICROFER 45 TM - ALLOY 45TM	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICROFER 4626MOW-ALLOY 333	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICROFER 4722CO-ALLOY X	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICROFER 4823NMO-ALLOY G-3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICROFER 4823TI-ALLOY 48	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICROFER 5120COTI-ALLOY C-263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICROFER 5219NB-ALLOY 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NICROFER 5520CO-ALLOY 617	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 5621HMOW-ALLOY 22	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 5716HMOW-ALLOY C-276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 5923HMO-ALLOY 59	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 6020HMO-ALLOY 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 6022HMO-ALLOY 625H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 6023-ALLOY 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 6023H-ALLOY 601H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 6025 HT - ALLOY 602CA	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 6030-ALLOY 690	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 6616HMO-ALLOY C-4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 7016TIAL-ALLOY 751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 7016TINB-ALLOY X-750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 7216-ALLOY 600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 7216H-ALLOY 600H	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NICROFER 7216LC-ALLOY 600L	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 7520-ALLOY 75	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER 7520TI-ALLOY 80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER B 5923 - WS 59	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER B 6020-WS 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROFER B 7020-WS 82	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROGAP 108	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NICROMAZ C1	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROMAZ CM	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NICROMAZ SP B	nickel	Chem Equip (2B350, Ni>40, see page 207)
NICROTUNG	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCu20Ti2Al	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCu30	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCu30Al	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCu30Al3Ti	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCu30Fe	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCu30-LC	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCuR	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiCuW	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiFe15CuCr	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

Ni

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NiFe15Mo	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiFe16CuCr	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiFe16CuMo	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiFe17CuCr	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiFe1CuCr	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiFe20Cr21Mo3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiFe30Cr21Mo3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NiFe36Cr12Mo6Ti3	nickel	Chem Equip (2B350, Ni>40, see page 207)
NiFe44	nickel	Chem Equip (2B350, Ni>40, see page 207)
NiFe46	nickel	Chem Equip (2B350, Ni>40, see page 207)
NiFe47	nickel	Chem Equip (2B350, Ni>40, see page 207)
NiFe47Cr	nickel	Chem Equip (2B350, Ni>40, see page 207)
NiFe48Cr	nickel	Chem Equip (2B350, Ni>40, see page 207)
NiFe49	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIGY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni-hard#1	iron	Does not meet requirements of any control in Table 2
Ni-hard#4	iron	Does not meet requirements of any control in Table 2
Ni-HTC	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIKROTHAL 40	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NIKROTHAL 70	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIKROTHAL-80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIKROTHAL-LX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NILGRO 42	iron	Chem Equip (2B350, Ni>40, see page 207)
NILO 40	iron	Chem Equip (2B350, Ni>40, see page 207)
NILO 475	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NILO 50	nickel	Chem Equip (2B350, Ni>40, see page 207)
NILO 501	nickel	Chem Equip (2B350, Ni>40, see page 207)
NILO ALLOY 365	iron	Chem Equip (2B350, Ni>40, see page 207)
NILO ALLOY 42	iron	Chem Equip (2B350, Ni>40, see page 207)
NILO ALLOY 45	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NILO ALLOY 475	nickel	Chem Equip (2B350, Ni>40, see page 207)
NILO ALLOY 48	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NILO ALLOY 51	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIOMAG 36	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NIOMAG 45	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIOMAG 772	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NILOMAG 800	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NILOMAG 801	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NILOMAG ALLOY 77	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIL0Y 48	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NILSTAIN C-20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Nim101	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Nim263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMAG 100	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 101	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 104	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 105	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 111	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 120	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 130	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 133	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAG 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMAR 110	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
NIMAR 125	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
NIMARK ALLOY 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
NIMARK-II	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
NiMn1	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMn1C	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NiMn2	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMn2 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMn3Al	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMn5	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMo	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMo16Cr	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni-Mo16Cr15	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMo16Cr15C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMo16Cr15Fe6W4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMo16Cr16Ti	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMo28	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Ni-Mo28	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NiMo30Fe5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI-MOC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST 235D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST 242	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMOCAST 258	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMOCAST 713	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST ALLOY 263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMOCAST ALLOY 713LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NIMOCAST ALLOY 738	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST ALLOY 738 LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST ALLOY 738LC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST ALLOY 739	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMOCAST ALLOY PD21	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST PD 16	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST PE 10	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST PK 24	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST PK 36	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST-C 242	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMOCAST-MC 57	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOCAST-MC 58	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMOFER 6928-ALLOY B-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMOLOY ALLOY PK37	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC 100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC 110	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC 118	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC 58	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Nimonic 75	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC 80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Nimonic 90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NIMONIC 93	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC 95	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY 101	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY 105	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY 115	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC ALLOY 263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY 75	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC ALLOY 80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC ALLOY 81	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC ALLOY 86	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC ALLOY 90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC ALLOY 901	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY 91	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY AP1	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY C263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY PE11	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY PE16	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC ALLOY PK33	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC C.C.	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC C242	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC C-263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC C75	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC CF	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC D	iron	Chem Equip (2B350, Ni>40, see page 207)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NIMONIC F	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC MC 57	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC PE 11	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC PE 13	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC PE 16	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC PE 7	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC PK 25	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIMONIC PK 31	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NIMONIC PK 33	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
Nimonic75	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Nimonic80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Nimonic90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIMONIC-CB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Niobium Alloys	niobium	Chem Equip (2B350, Nb>50, see page 207)
NIOTHERM NN	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIOTHERM NP	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIPERM 50	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NIREX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI-ROD FC 55 CORED WIRE	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIROMET 426	iron	Chem Equip (2B350, Ni>40, see page 207)
NIROMET 44	iron	Chem Equip (2B350, Ni>40, see page 207)
NIROMET 46	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NIROMET 48	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NIRON 46	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NIRON 52	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIROSTA 4465	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NIROSTA 4505 (1)	alloy steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NIROSTA 4529	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NIROSTA 4539	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NIROSTA 4558	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NIROSTA 4563	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NIROSTA 4577	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NiSiCr1 5Mn	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI SILOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NI-SPAN C	iron	Chem Equip (2B350, Ni>40, see page 207)
NISPAN C 902	iron	Chem Equip (2B350, Ni>40, see page 207)
NI-SPAN LO 42	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NI-SPAN LO 45	alloy steel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NI-SPAN LO 52	nickel	Chem Equip (2B350, Ni>40, see page 207)
Ni-Span902	nickel	Chem Equip (2B350, Ni>40, see page 207)
NI-SPAN-C 902	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
NI-SPAN-C ALLOY 902	iron	Chem Equip (2B350, Ni>40, see page 207)
NI-SPAN-D	iron	Chem Equip (2B350, Ni>40, see page 207)
NITINOL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NITINOL-55	titanium	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ti>50, see page 207)
Nitronic40	stainless steel	Does not meet requirements of any control in Table 2
Nitronic50	stainless steel	Does not meet requirements of any control in Table 2
Nitronic60	stainless steel	Does not meet requirements of any control in Table 2
NIVAC	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIVAC 50 NI	nickel	Chem Equip (2B350, Ni>40, see page 207)
NIVAC 79 NI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIVAC 80 NI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIVAC P	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIVAC-77 NI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIVAC-78 NI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NIVAROX CT	iron	Chem Equip (2B350, Ni>40, see page 207)
NLCB	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NLCP	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NMC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NMCRc	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NNCB	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NNCP	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO. 1040 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NO. 35 MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO. 40	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NO. 41	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NON-SCALING-1	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NON-SCALING-2	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NORAL 15 S	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL 226	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL 26 S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
NORAL 305	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL 322	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL 4 S	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL 62 S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL B320	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL B54 S	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL B75 S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
NORAL C77 S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
NORAL H10	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NORAL M75 S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
NORMAG AM 20	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
NORMAG RMG 90	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220)
NORTON BORON MASTER ALLOY	titanium	Metallic powders (1C111.a.2.c., Mg>97, see page 224) Chem Equip (2B350, Ti>50, see page 207)
NORTON T-111	tantalum	Chem Equip (2B350, Ta>50, see page 207)
NOXIDA-C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NR9980	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NR9990	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NR99995	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NRC 76	tantalum	Chem Equip (2B350, Ta>50, see page 207)
NRC 90-10	tantalum	Chem Equip (2B350, Ta>50, see page 207)
NRC MG TA	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
NRC T111	tantalum	Chem Equip (2B350, Ta>50, see page 207)
NS-5	nickel	Chem Equip (2B350, Ni>40, see page 207)
NS-750X	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCALLOY 41	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCALLOY 45	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCALLOY ALLOY 430	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCALLOY ALLOY 453	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCALLOY ALLOY 466	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCALLOY ALLOY 488	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCALLOY ALLOY 488V	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUCAST	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NUMETAL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NURAL 43	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
NW0001	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW0276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW0665	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NW2200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW2201	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW3021	nickel	Chem Equip (2B350, Ni>40, see page 207)
NW4400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW4402	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW5500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6002	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NW6007	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NW6022	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6333	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NW6455	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6602	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6617	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6621	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6633	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NW6690	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW6985	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
NW7001	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW7080	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW7090	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW7263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NW7718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NW7750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NW8020	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NW8028	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NW8800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NW8801	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NW8810	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NW8811	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NW8825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
NW9911	nickel	Chem Equip (2B350, Ni>40, see page 207)
NWA 99.7	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
NWA 99.8	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
NWA B92	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
NX 188	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
NYBY 20-25 UMOUCU	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
NYBY 25-24 EMO	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
O1	tool steel	Does not meet requirements of any control in Table 2
O2	tool steel	Does not meet requirements of any control in Table 2
O3ChN28MDT	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
O6	tool steel	Does not meet requirements of any control in Table 2
O6ChN28MDT	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
O7	tool steel	Does not meet requirements of any control in Table 2
OCNW	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
OF NICKEL POWDERS	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
OHIOLOY C-411	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
OHMSNIT 110	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
OLIN KO-1	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
OMC 105 COMP. II (CAST)	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC 105 COMP. IV (CAST)	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC 163 (CAST)	titanium	Chem Equip (2B350, Ti>50, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
OMC 302 (CAST)	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
OMC 3A1-2.5V	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC 5AL-2.5 SN	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC 6AL-25N-4ZR-2MO	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC 6AL-25N-4ZR-6MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
OMC 6AL-4V	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC 6AL-6V-25N	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
OMC 8AL-1MO, 1V	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC Ti-17	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
OMC Ti-PD	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC-166 A (CAST)	titanium	Chem Equip (2B350, Ti>50, see page 207)
OMC-7 AL-4 MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
OMMET A	nickel	Chem Equip (2B350, Ni>40, see page 207)
ORA-FUTURA II	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ORIGINAL MONEL METAL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ORO-FUTURA I	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ORTHONAL, ROUND; ORTHONAL, SQUARE ORTHONIK	nickel	Chem Equip (2B350, Ni>40, see page 207)
OSBORN 330	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
OSBORN WJ	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
OT4	titanium	Chem Equip (2B350, Ti>50, see page 207)
OT4-0	titanium	Chem Equip (2B350, Ti>50, see page 207)
OT4-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
OT4-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
P.E.R 1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 10	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 101	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 13	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 13 B.C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 15	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 16	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 2 U	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
P.E.R 2 X	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

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**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
P.E.R 20 N	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
P.E.R 263 F	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
P.E.R 3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
P.E.R 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
P.E.R 5	nickel	Chem Equip (2B350, Ni>40, see page 207)
P.E.R 59	nickel	Chem Equip (2B350, Ni>40, see page 207)
P.E.R 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R 7	nickel	Chem Equip (2B350, Ni>40, see page 207)
P.E.R 7 H	nickel	Chem Equip (2B350, Ni>40, see page 207)
P.E.R 706	nickel	Chem Equip (2B350, Ni>40, see page 207)
P.E.R 72	nickel	Chem Equip (2B350, Ni>40, see page 207)
P.E.R C 130	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
P.E.R. 2 U	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
P.E.R.C 1023	nickel	Chem Equip (2B350, Ni>40, see page 207)
P07	nickel	Chem Equip (2B350, Ni>40, see page 207)
P20	iron	Does not meet requirements of any control in Table 2
P91	iron	Does not meet requirements of any control in Table 2
PA 22 NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PA 23 NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PAC 17	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
PAKTONG (PACKFONG)	nickel	Chem Equip (2B350, Ni>40, see page 207)
PAKTONG, KEFERSTEIN	nickel	Chem Equip (2B350, Ni>40, see page 207)
PAKTONG, TUTENAG	copper	Chem Equip (2B350, Ni>40, see page 207)
PALAU-A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PAR 8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PARALLOY CR39W	heat resistant cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PARALLOY H34CT	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PARALLOY H39W	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PARALLOY H39WM	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PARR	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PARR	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PARRALLOY H39W	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PARRALLOY H39WM	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Pb	lead	Does not meet requirements of any control in Table 2



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
PC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Pd	palladium	Does not meet requirements of any control in Table 2
PDRL 162	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PDRL 163	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PEERLESS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PELCOLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PER 2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERALUMAN 1	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 10	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 15	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 2	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 3	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 30G	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 50	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 7	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN 9	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERALUMAN-30	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PEREKS CC	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PERMAFLY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY 12.5-80 MO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY 3.8-78.5 CR	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY 45	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERMALLOY 4-79 MO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY 49	nickel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
PERMALLOY 70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY 78	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY 80 (1)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY 80 (2)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY B	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERMALLOY F	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY G	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERMALLOY STANDARD	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY SUPER C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY-68	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMALLOY-78.5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMANICKEL 300	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMANICKEL ALLOY 300	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMANIT 400K	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERMAX F	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMAX Z	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMENOR-4801	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERMENORM 5000 Z	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERMENORM 5000 ZE	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERMENORM 5050 F	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERMINVAR 25-45	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERMINVAR 43-23	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERMINVAR 7.5-45-25 MO	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERMINVAR 7.5-70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMINVAR 7-70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PERMITE 1021	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERMOLD H.P. 40	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
PERNIFER 40 - ALLOY 42	iron	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 42	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 42 TI	iron	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 4205 TI	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 4206	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 46	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 4706	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 48 - ALLOY 48	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 50 - ALLOY 52	nickel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
PERNIFER 51	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERNIFER 5101	nickel	Chem Equip (2B350, Ni>40, see page 207)
PERUNAL	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
PERUNAL 215	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
PERUNAL-215	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
PF	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PFIZER HP NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PFIZER PM 42 ALLOY	iron	Chem Equip (2B350, Ni>40, see page 207)
PFIZER PM 46 ALLOY	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PFIZER PM NICKEL-COPPER ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PH-2	niobium	Chem Equip (2B350, Nb>50, see page 207)
PIONEER METAL	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PIREKS 25/20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PIREKS RCC	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PIREKS-REACTAL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PLACET	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PLATE CLIMAX TZM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
PLATINAM	nickel	Chem Equip (2B350, Ni>40, see page 207)
PLATINIT	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
PLATINITE	nickel	Chem Equip (2B350, Ni>40, see page 207)
PLATINITE + CR	nickel	Chem Equip (2B350, Ni>40, see page 207)
Platinum	platinum	Does not meet requirements of any control in Table 2
PLATINUM SUBSTITUTE	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PM IN-792	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
POLARIT 774	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PREMIER	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PREMIER C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PREMIER NICKEL CHROME	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PROPLATINUM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
PROTOLOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PROTOLOY B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP 617	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PRP MARAGING 300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
PRP-330	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PRP-333	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PRP-400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-42NI-FE	iron	Chem Equip (2B350, Ni>40, see page 207)
PRP-600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-617	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PRP-718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PRP-722	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PRP-825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PRP-903	iron	Chem Equip (2B350, Ni>40, see page 207)
PRP-ALLOY N	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-ALLOY S	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-ALLOY W	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-ALLOY X	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PRP-C276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-K500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRP-RENE 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PRP-WASPALOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PRV 33-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PRV 75-15	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PURO 25/25 M	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PWA 1030	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
PWA 651A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PWA 652	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PWA 656B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PWA1480	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PWA1484	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PWA-649	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PYRAD 38 D	nickel	Chem Equip (2B350, Ni>40, see page 207)
PYRAD 44 D	nickel	Chem Equip (2B350, Ni>40, see page 207)
PYRAD 49 D	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PYRAD 53 N	nickel	Chem Equip (2B350, Ni>40, see page 207)
PYRASTEEL-C	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYRASTEEL-D	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROCHROM 30	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROCHROM 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PYROCHROM 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PYRODUR 30-CN 38	iron	Chem Equip (2B350, Ni>40, see page 207)
PYRODUR P-CN 35	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYRODUR P-CN 35 W	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYRODUR P-CN 60	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PYRODUR P-CN 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PYROFIX-2	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROMET 31V	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PYROMET 860	nickel	Chem Equip (2B350, Ni>40, see page 207)
PYROMET 901	nickel	Chem Equip (2B350, Ni>40, see page 207)
PYROMET ALLOY CTX-3	iron	Chem Equip (2B350, Ni>40, see page 207)
PYROMET ALLOY CTX-909	iron	Chem Equip (2B350, Ni>40, see page 207)
PYROMIC	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PYRON G55.24NI	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PYROTHERM 15/16	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
PYROTHERM 20/33 ALTI	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM 24/24 NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM 25/35 H	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM 28/48/5	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
PYROTHERM G 17/53 NB	nickel	Chem Equip (2B350, Ni>40, see page 207)
PYROTHERM G 20/32 NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 20/33	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 20/33H	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 24/24 NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
PYROTHERM G 25/35	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 25/35 COWNB	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 25/35 H	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 25/35 NB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 25/35 NBSI	heat resistant cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 25/35 NBTZ	heat resistant cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 26/32 MO	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 26/36 MO	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 26/36 SO	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 28/33 SI	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 28/48/5	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 28/50 COW	heat resistant cast steel	Chem Equip (2B350, Ni>40, see page 207)
PYROTHERM G 30/30	iron	Chem Equip (2B350, Ni>40, see page 207)
PYROTHERM G 50/50 NB	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
PYROTHERM G 60/40	chromium	Chem Equip (2B350, Ni>40, see page 207)
PYROTOOL W	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Q-ALLOY A	nickel	Chem Equip (2B350, Ni>40, see page 207)
Q-ALLOY B	nickel	Chem Equip (2B350, Ni>40, see page 207)
Q-ALLOY B-SI	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Q-ALLOY X-2	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Q-ALLOY, GRADE A+	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
QE 22A (STANDARD ALLOY)	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220)
QE22A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220)
QH21A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220)
QUAKER QHB	nickel	Chem Equip (2B350, Ni>40, see page 207)
QUAKER QHC	nickel	Chem Equip (2B350, Ni>40, see page 207)
QUAKER QINC	nickel	Chem Equip (2B350, Ni>40, see page 207)
QUAKER QML	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
QUAKER QML-CB	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
QUAKER QNI	nickel	Chem Equip (2B350, Ni>40, see page 207)
QUARZAL Q12	aluminium	Pressure sensors (2B230.a., Al>50, see page 228)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
QUARZAL Q15	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
QUARZAL Q2	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
QUARZAL Q5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
QUARZAL Q8	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
R.R.ALLOY C.242	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
R/X BE	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Metallic powders (1C111.a.2.b., Be>97, see page 223) Unspecified forms (1C230, Be>50, see page 225)
R/X HF	hafnium	Unspecified forms (1C231, Hf>60, see page 225)
R/X MG	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
R/X MO	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
R/X NB	niobium	Chem Equip (2B350, Nb>50, see page 207)
R/X NI	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
R/X TA	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
R/X W	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
R/X ZR	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
R04295	niobium	Chem Equip (2B350, Nb>50, see page 207)
R05200	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
R05240	tantalum	Chem Equip (2B350, Ta>50, see page 207)
R05252	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.c., Ta>98, see page 227)
R05255	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
R05400	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
R07005	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
R20033	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
R-303	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
R60704	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
R60705	zirconium	Chem Equip (2B350, Zr>50, see page 207)
R60706	zirconium	Metallic powders (1C111.a.2.a., Zr>97, see page 223) Chem Equip (2B350, Zr>50, see page 207)
R60802	zirconium	Chem Equip (2B350, Zr>50, see page 207)
R60804	zirconium	Metallic powders (1C111.a.2.a., Zr>97, see page 223) Chem Equip (2B350, Zr>50, see page 207)
R60901	zirconium	Metallic powders (1C111.a.2.a., Zr>97, see page 223) Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
R60904	zirconium	Chem Equip (2B350, Zr>50, see page 207)
RA 200/201	nickel	Metallic powders (1C111.a.2.a., Zr>97, see page 223) Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RA 320 LR	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RA 330	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RA 330 HC	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RA 330-04 WELD WIRE	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RA 333	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RA 353 MA	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RA 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RA 601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RA 904L	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RA330	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RA333	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RA85H	iron	Does not meet requirements of any control in Table 2
RADIOMETAL	iron	Chem Equip (2B350, Ni>40, see page 207)
RADIO METAL A	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
RADIOMETAL 50	nickel	Chem Equip (2B350, Ni>40, see page 207)
RAONEL	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RAXIT 500 G	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RAXIT 602 G	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
RAXOTHERM 849 G	iron	Chem Equip (2B350, Ni>40, see page 207)
RAXOTHERM 857 G	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RAXOTHERM 879 G	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RAXOTHERM CR NI 50/50	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RAYO	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RCA-N100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RCA-N9	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RCA-N91	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RCA-N97	nickel	Chem Equip (2B350, Ni>40, see page 207)
RDN 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RDN 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RDN 810	iron	Chem Equip (2B350, Ni>40, see page 207)
RDN 819	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Re	rhenium	Does not meet requirements of any control in Table 2
READING 40 ALUMINUM-60 ZIRCONIUM	zirconium	Chem Equip (2B350, Zr>50, see page 207)
READING 50 MOLYBDENUM-50 NICKEL	molybdenum	Chem Equip (2B350, Ni>40, see page 207)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
RECOVAC 100, BS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RED RAY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REFLECTAL 74	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REFLECTAL-107	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REFRACTALOY 26	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
REFRACTALOY B	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
REINNICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REIN-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REIN-NICKEL GNI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REMANIT 2525 SST	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
REMANIT 4465	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
REMANIT 4539	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
REMANIT 4563	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
REMANIT HB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REMANIT HC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REMY 1.4539	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
REMY 2.4360	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
REMY 2.4375	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
RENAULT ALLOY	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
RENE 100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RENE 125	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RENE 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RENE 62	nickel	Chem Equip (2B350, Ni>40, see page 207)
RENE 63	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RENE 77	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RENE 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RENE 85	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RENE 95	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Rene125	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Rene142	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Rene220	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Rene41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Rene77	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Rene80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Rene95	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REPUBLIC RS-100	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-110	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-110A	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-110B	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-110C	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-120	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-120A	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-130	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
REPUBLIC RS-135	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
REPUBLIC RS-140	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
REPUBLIC RS-40	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-55	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-6AL-4V	titanium	Chem Equip (2B350, Ti>50, see page 207)
REPUBLIC RS-70	titanium	Chem Equip (2B350, Ti>50, see page 207)
RESISTANCE, HIGH MAGNETIC	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RESISTHERM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RESISTOHM ALLOY 30	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RESISTOHM ALLOY 40	iron	Chem Equip (2B350, Ni>40, see page 207)
RESISTOHM ALLOY 60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RESISTOHM ALLOY 70	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RESISTOHM ALLOY 80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RESISTVAR 1	copper	Chem Equip (2B350, Ni>40, see page 207)
REVERE 0-1	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
REVERE 2014	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
REVERE 2017	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
REVERE 2024	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
REVERE 3004	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REVERE 5052	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REVERE M REX 400	magnesium nickel	Metallic powders (1C111.a.2.c., Mg>97, see page 224) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
REXWELD 66 REYNOLDS 112	nickel aluminium	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS 145	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
REYNOLDS 175	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS 185	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS 245	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
REYNOLDS 525	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS 565	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS A214	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS B214	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS F214	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REYNOLDS R317	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
REZISTAL 311 REZISTAL 4 RGT 0	stainless steel iron nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RGT 13	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RGT 18 RGT 9	nickel nickel	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>40, see page 207)
R-M-20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
RMI 0.2% PD RMI 13V-11CR-3AL	titanium titanium	Chem Equip (2B350, Ti>50, see page 207) Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
RMI 1AL-8V-5FE	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 25	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 30	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 3AL-2.5V	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 3AL-8V-6CR-4ZR-4MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 40	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 4AL-3MO-1V	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 55	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 5AL-2.5SN	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 5AL-2.5SN ELI	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 5AL-5SN-2ZR-2MO-SI	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 5AL-6SN-2ZR 1MO-SI	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 6AL-2CB-1TA-1MO	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 6AL-2SN-2ZR-2MO-2CR-0.15SI	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 6AL-2SN-4ZR-2MO-0.10SI	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 6AL-2SN-4ZR-6MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 6AL-4V	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 6AL-4V ELI	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 6AL-6V-2SN	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 70	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI 7AL-4MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 8AL-1MO-1V	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
RMI 8MN	titanium	Chem Equip (2B350, Ti>50, see page 207)
RMI TI-5AL-2SN-2ZR-4MO-4CR	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
R-MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
RN60	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN61	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN62	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN64	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN65	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RN69	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN6A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN6N	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
RN82	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RN82H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RNC SUPERIMPHY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ROCHLING NH40G	iron	Chem Equip (2B350, Ni>40, see page 207)
RODMAG 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
RODSEAL 42	iron	Chem Equip (2B350, Ni>40, see page 207)
ROHN	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
RORSCHACH A45	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
RORSHACH 175	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
RORSHACH 175 CLAD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
RORSHACH 245	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
RORSHACH 245 CLAD	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
RORSHACH 45	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
RORSHACH 575	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ROSEIN	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208)
ROSENHAIN-ARCH-BUTT ALLOY	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ROSIN	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208)
S.C.C.-210	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S.C.C.-213	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S.C.C.-213M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S.C.C.-531	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S.C.C.-925C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

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**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
S.C.C.-C43	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S.C.C.-W4	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S.I.F. NO. 24	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
S.I.P. NO. 25	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S.M.L. ALLOY (MONEL)	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
S1	tool steel	Does not meet requirements of any control in Table 2
S33228	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
S35315	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
S5	tool steel	Does not meet requirements of any control in Table 2
S6	tool steel	Does not meet requirements of any control in Table 2
S7	tool steel	Does not meet requirements of any control in Table 2
SAARSTAHL 1.2786X2	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SAARSTAHL 1.6356	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
SAARSTAHL 1.6358	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
SAARSTAHL 1.6358, 1.6354	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
SAARSTAHL 1.6359	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
SAARSTAHL 2.4537	nickel	Chem Equip (2B350, Ni>40, see page 207)
SAARSTAHL 2.4634	nickel	Chem Equip (2B350, Ni>40, see page 207)
SAARSTAHL 2.4654	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SAARSTAHL 2.4662	nickel	Chem Equip (2B350, Ni>40, see page 207)
SAARSTAHL 2.4668	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SAARSTAHL 2.4669	nickel	Chem Equip (2B350, Ni>40, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SAARSTAHL 2.4819	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SAARSTAHL 2.4952,	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SAARSTAHL 2.4631		Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SAARSTAHL 2.4969,	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SAARSTAHL 2.4632		Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SAARSTAHL 2.4972	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SAARSTAHL 2.4973	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SAARSTAHL 2.4976	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SAARSTAHL 2.4983	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SAC 300	tin	Does not meet requirements of any control in Table 2
SAC 305	tin	Does not meet requirements of any control in Table 2
SAC 400	tin	Does not meet requirements of any control in Table 2
SAC 405	tin	Does not meet requirements of any control in Table 2
SANBOLD NA 47	iron	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
SANBOLD NA 76	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK 20.25.5.LCU	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK 2RK65	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK 385	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK 6X10RN90	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK NICR-3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK NICR-3HP	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK NICRFE-2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK NICRFE-3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK NICRFE-3H	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK NICRMO 3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK ON50HV	nickel	Chem Equip (2B350, Ni>40, see page 207)
SANDVIK SANICRO 28	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK SANICRO 30	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK SANICRO 31H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK SANICRO 31HT	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANDVIK SANICRO 70	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK SANICRO 71	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK SANICRO 72	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANDVIK ZIRCALOY 2	zirconium	Chem Equip (2B350, Zr>50, see page 207)
SANDVIK ZIRCALOY 4	zirconium	Metallic powders (1C111.a.2.a., Zr>97, see page 223) Chem Equip (2B350, Zr>50, see page 207)
SANICRO 31HT	iron	Metallic powders (1C111.a.2.a., Zr>97, see page 223) Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANPOWDER 50NI-50CR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SANPOWDER 80NI-20CR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANPOWDER 95NI-5AL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANPOWDER P1625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANPOWDER P1718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SANPOWDER PA962	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
SANPOWDER PA964	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANPOWDER PCY6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANPOWDER PHC276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANPOWDER PM16C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SANYO QS2025M	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANYO QS2025MC	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANYO QS2025MT	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SANYO QS2830	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SATMUMETAL	nickel	Chem Equip (2B350, Ni>40, see page 207)
Sb	antimony	Does not meet requirements of any control in Table 2
SC-180	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SCH19	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SCH20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SCHENK GA1MG5HYD51	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
SCHENK GDA1MG9	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
SCR3	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SCS23	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SCS24	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SD-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Se	selenium	Does not meet requirements of any control in Table 2
SEALMET 4	iron	Chem Equip (2B350, Ni>40, see page 207)
SEALMET HC-4	iron	Chem Equip (2B350, Ni>40, see page 207)
SeBiLOYI	copper	Does not meet requirements of any control in Table 2
SeBiLOYII	copper	Does not meet requirements of any control in Table 2
SeBiLOYIII	copper	Does not meet requirements of any control in Table 2
SEL 1	nickel	Chem Equip (2B350, Ni>40, see page 207)
SEL 15	nickel	Chem Equip (2B350, Ni>40, see page 207)
SEMALLOY NO. 2400	bismuth	Unspecified forms (1C229, Bi>99.99, see page 225)
SEMALLOY NO. 2469	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.z.c., Mg>97, see page 224)
SEMALLOY NO. 2956	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 2968	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 2997	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3063	nickel	Chem Equip (2B350, Ni>40, see page 207)
SEMALLOY NO. 3077	titanium	Chem Equip (2B350, Ti>50, see page 207)
SEMALLOY NO. 3202	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3203	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3204	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
SEMALLOY NO. 3206	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3209	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3241	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3247	manganese	Chem Equip (2B350, Ni>40, see page 207)
SEMALLOY NO. 3265	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3267	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3269	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3272	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3293	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3315	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3322	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3324	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3327	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3360	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3370	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3415	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3445	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3447	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3449	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3475	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3479	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3480	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3500	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
SEMALLOY NO. 3520	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3521	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3530	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3550	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3610	palladium	Chem Equip (2B350, Ni>40, see page 207)
SEMALLOY NO. 3650	copper	Chem Equip (2B350, Ni>40, see page 207)
SEMALLOY NO. 3660	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3670	nickel	Chem Equip (2B350, Ni>40, see page 207)
SEMALLOY NO. 3690	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3700	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3710	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3720	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3740	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SEMALLOY NO. 3800	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
SEMALLOY NO. 3854	hafnium	Unspecified forms (1C231, Hf>60, see page 225)
SEMALLOY NO. 3870	niobium	Chem Equip (2B350, Nb>50, see page 207)
SEMALLOY NO. 3894	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
SEMALLOY NO. 3900	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
SEMALLOY NO. 3920	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
SEMPERAL	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
SEYCAST	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SF NICKEL POWDERS	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SGS-TANTALUM	tantalum	Chem Equip (2B350, Ta>50, see page 207)
SHAWINIGAN 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SHAWINIGAN HR-3	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SHAWINIGAN HT	iron	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
SIEMENS-HALSKE (1)	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SIEMENS-HALSKE (2)	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SIFSTEEL NO. 34	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SILECTRON	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SILICON MONEL METAL 2.5%	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SILICON NICKEL A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SILICON NICKEL B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SILICON-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SILMAL	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
SILVALOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Silver	silver	Does not meet requirements of any control in Table 2
SILVEROID	copper	Chem Equip (2B350, Ni>40, see page 207)
SIMALLOY 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SIMALLOY HX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SIMALLOY X 750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SIMONDS 139	iron	Chem Equip (2B350, Ni>40, see page 207)
SIMONDS 142	iron	Chem Equip (2B350, Ni>40, see page 207)
SIMONDS 149	nickel	Chem Equip (2B350, Ni>40, see page 207)
SIMONDS 38-7FM	iron	Chem Equip (2B350, Ni>40, see page 207)
SIMONDS 42-43	iron	Chem Equip (2B350, Ni>40, see page 207)
SIMONDS 48-50	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
SINIMAX	iron	Chem Equip (2B350, Ni>40, see page 207)
SISMg4602-00	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
SISMg4604-00	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
SIVYER 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SLATER ALLOY 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SLATER ALLOY 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SLATER ALLOY 800H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SLATER ALLOY HX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SLATER FW 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SLATER TYPE 330	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SM 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SM 211	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
SM-6315	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
SM-6525	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
SM-6958	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
SMENA NO. 1	tool steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Sn	tin	Does not meet requirements of any control in Table 2
SODING GONF	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SODINOX B6	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SP-3	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SPANAL 320	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
SPARK PLUG METAL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2029	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2829	Cu-Ni	Chem Equip (2B350, Ni>40, see page 207)
SPECIALLOY 2841	niobium	Chem Equip (2B350, Nb>50, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SPECIALLOY 2842	molybdenum	Chem Equip (2B350, Ni>40, see page 207)
SPECIALLOY 2929	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2929A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2929B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2929C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2929D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2929W	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 2942	nickel	Chem Equip (2B350, Ni>40, see page 207)
SPECIALLOY 3028	nickel	Chem Equip (2B350, Ni>40, see page 207)
SPECIALLOY 3028A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPECIALLOY 3841	niobium	Chem Equip (2B350, Nb>50, see page 207)
SPECIALLOY 3928	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPIN 320	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SPIN 935	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SQUARE 50	iron	Chem Equip (2B350, Ni>40, see page 207)
SQUARE 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
SR-NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
STAINLESS NO. 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
STAINLESS S-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
STANDARD ALLOY H.R.-2	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
STANDARD ALLOY H.R.-4	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
STANDARD ALLOY, SPECIAL	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
STANDARD H.R. ALLOYS	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Star J	cobalt	Does not meet requirements of any control in Table 2
STAUFFER 90TA-10W	tantalum	Chem Equip (2B350, Ta>50, see page 207)
STAUFFER SCB-291	niobium	Chem Equip (2B350, Nb>50, see page 207)
STAUFFER SM 291	niobium	Chem Equip (2B350, Nb>50, see page 207)
STAUFFER STA 880	tantalum	Chem Equip (2B350, Ta>50, see page 207)
STAUFFER STA-900	tantalum	Chem Equip (2B350, Ta>50, see page 207)
STERMET GR. 1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
STERMET GR. 2	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
STERMET GR. 3	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
STERVAC 1000	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
STERVAC 2000	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
STERVAC 4000	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
STERVAC 5000	high temperature steel	Chem Equip (2B350, Ni>40, see page 207)
STEWART ALLOY NO. 18	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
STITCHING WIRE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
STUDAL	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
SU-16	niobium	Chem Equip (2B350, Nb>50, see page 207)
SUPER ANTININ B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPER AVIONAL	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
SUPER PERMALLOY C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPER RADIOMETAL	nickel	Chem Equip (2B350, Ni>40, see page 207)
SUPER ZORITE	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
SUPERALUMAG T.45	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
SUPERIMPHY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERIOR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERIOR A NICKEL CHROME	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERIOR X-3012	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERMAGALUMA	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
SUPERMALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERMALOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERMUMETAL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPER-MUMETAL 50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERNICKIMPHY	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERPERM 49	nickel	Chem Equip (2B350, Ni>40, see page 207)
SUPERPERM 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SUPERSQUARE 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Supertherm	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
SUPERTHERM	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SUS317J4L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SUS317J5L	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Sw-01Ch23N28M3D3T	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
SYLVALOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
SYLVANIA A	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
SYLVANIA MT-104	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
SYLVANIA NO. 4	iron	Chem Equip (2B350, Ni>40, see page 207)
T 1 (K P)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
T 2 (K N)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
T.C. FERRY	copper	Chem Equip (2B350, Ni>40, see page 207)
T.S.S. 5 ALLOY	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
T.S.S. 8 ALLOY	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
T1	tool steel	Does not meet requirements of any control in Table 2
T111	tantalum	Chem Equip (2B350, Ta>50, see page 207)
T20CrNi370	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
T222	tantalum	Chem Equip (2B350, Ta>50, see page 207)
T-35	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
T35CrNi370	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
T-40	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
T-50	nickel	Chem Equip (2B350, Ni>40, see page 207)
T-50	titanium	Chem Equip (2B350, Ti>50, see page 207)
T-60	titanium	Chem Equip (2B350, Ti>50, see page 207)
T6CuMoNiCr200	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
T-99	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TA	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
TA-10 W	niobium	Chem Equip (2B350, Nb>50, see page 207)
TA-12.5 W	tantalum	Chem Equip (2B350, Ta>50, see page 207)
TA18	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA19	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA20	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA25	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA27	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA39	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA40	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA41	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA42	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA43	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA44	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA45	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA46	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA47	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA48	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA49	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
T-A4M	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA50	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA51	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA52	titanium	Chem Equip (2B350, Ti>50, see page 207)
TA53	titanium	Chem Equip (2B350, Ti>50, see page 207)
TA54	titanium	Chem Equip (2B350, Ti>50, see page 207)
TA55	titanium	Chem Equip (2B350, Ti>50, see page 207)
TA56	titanium	Chem Equip (2B350, Ti>50, see page 207)

TA

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
TA57	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TA58	titanium	Chem Equip (2B350, Ti>50, see page 207)
TA59	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
T-A6V	titanium	Chem Equip (2B350, Ti>50, see page 207)
TA-7	titanium	Chem Equip (2B350, Ti>50, see page 207)
TA-8W-2 HF	tantalum	Chem Equip (2B350, Ta>50, see page 207)
TaB	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
TAB 3250	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAB 6400	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAB 6400E	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAF 6400	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAF A BONDARC 75B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TAFALOY 45CT	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
TaH	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
TAM NICKEL TITANIUM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TANTALUM	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
Tantalum Alloys	tantalum	Chem Equip (2B350, Ta>50, see page 207)
TaP	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
TaR	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
TAT 3250CF	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250CL	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250F	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250L	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250WCF	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250WCL	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250WLF	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAT 3250WL	titanium	Chem Equip (2B350, Ti>50, see page 207)
TAURUS MARK XXVI	copper	Chem Equip (2B350, Ni>40, see page 207)
TAZ-8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TAZ-8A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TAZ-8B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TB 270C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB 270H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB 340C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB 340H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB 480C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB 480H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB 550C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB 550H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TB28PdC	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TB35PdC	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TB35PdH	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
TB49PdC	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TB49PdH	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TC-10	titanium	Chem Equip (2B350, Ti>50, see page 207)
T-CN7M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TD NI CR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TD NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TD NICR	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TD12ZRE	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TE	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TECHALLOY 294 (45-55)	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
TECHALLOY A (80-20)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHALLOY C (62-16)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHALLOY D (35-19)	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TECHALLOY GLASSEAL 42	iron	Chem Equip (2B350, Ni>40, see page 207)
TECHALLOY GLASSEAL 52	nickel	Chem Equip (2B350, Ni>40, see page 207)
TECHNI-CAST CN7M	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TECHNI-CAST HASC	nickel	Chem Equip (2B350, Ni>40, see page 207)
TECHNI-CAST IN610	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHNI-CAST IN625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHNI-CAST MNLA	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHNI-CAST MNLB	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHNI-CAST MNLG	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHNI-CAST MNLE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TECHNI-CAST TENZ	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
TELCON 36/64	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TELCON 75	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TELCON 79	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TELCOSEAL 2	iron	Chem Equip (2B350, Ni>40, see page 207)
TELCOSEAL 3	iron	Chem Equip (2B350, Ni>40, see page 207)
TELCOSEAL 3/2	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
TELCOSEAL 4	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
TELCOSEAL 6	nickel	Chem Equip (2B350, Ni>40, see page 207)
TELCOSEAL 6/2	alloy steel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
TELCOSEAL 6/3	nickel	Chem Equip (2B350, Ni>40, see page 207)
TELCOSEAL 6/4	nickel	Chem Equip (2B350, Ni>40, see page 207)
TENSITE	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMALLOY 45	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMALLOY 58	iron	Chem Equip (2B350, Ni>40, see page 207)
THERMALLOY 58 CQ	iron	Chem Equip (2B350, Ni>40, see page 207)
THERMALLOY 58B	iron	Chem Equip (2B350, Ni>40, see page 207)
THERMALLOY 63 (HP)	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMALLOY 72	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMALLOY 72M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMALLOY 85	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMALLOY 85 EX	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMALLOY 85E	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMALLOY A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMALLOY B	iron	Chem Equip (2B350, Ni>40, see page 207)
THERMALLOY K	alloy steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMAX 45	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMAX 519	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMAX 531	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMAX 532	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMAX 533	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMAX 60	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMAX 638	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMAX 657	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMAX 70	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMAX 75	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMAX 90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMELAST 4002	iron	Chem Equip (2B350, Ni>40, see page 207)
THERMODUR 10 CR 20 32 NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR 10CN5050	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMODUR 10CN6040	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMODUR 15CN1775	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THERMODUR 15CN2035	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR 15CN2535	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR 30 CN 24 24 NB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR 30 CN 2535	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR 30CN2035	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
THERMODUR 30CN2055	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMODUR 40 CN CW 25	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR 50 CN 30 30	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR 50 CNW 30 50	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMODUR T-CN 35 W	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
THERMODUR T-CN 60	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THERMODUR T-CN 80	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
THETALLOY	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
THREE-TWENTY	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Ti 1	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 19	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 2	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 23	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 3 2-5	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 4	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 5	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 6-22-22	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti 6-2-4-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 6-2-4-6	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti 6-4	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti 6-6-2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti 6-Al 4-V	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 6-Al 7-Nb	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti 7	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 775	aluminium	Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Ti 8	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti 8-1-1	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti Gr 12	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti Gr 17	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti Gr 2 and 3	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti Grade 2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti Grade 3	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Ti Pd - Gr 7	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti.66	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Ti.77	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Ti.88	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Ti-0.15 PD	titanium	Chem Equip (2B350, Ti>50, see page 207)

Ti

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Ti1	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-100A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti10-2-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-10V-2FE-3AL	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-10V-2FE-3AL STA	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-12	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti13-11-3	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-13V-11CR-3AL	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-13V-11CR-3AL (STA)	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-140A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-150B	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti15-3-3-3	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-155A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-15V-3CR-3AL-3SN	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-15V-3CR-3SN-3AL	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti1Pd	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti2	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-2	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti2Pd	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti3	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-35A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-35A WITH PD (ASTM GRADE 11)	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-3AL-2.5V	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-3AL-8MO-8V-2FE	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-3AL-8V-6Cr-4Mo-4Zr	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-3AL-8V-6CR-4ZR-4MO	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti3Pd	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti4	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-4.5Sn-6Zr-11.5Mo	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-45A	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-4AL-3MO-1V	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-4AL-4MO-2SN (Ti-550)	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti5 - 2-5	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-50A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-50A WITH PD	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-5-1-1-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-55A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-5AL-2.5SN	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-5AL-2.5SN ELI	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-5AL-2.5SN-2.5V-1.3CB-1.3TA	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-5AL-2SN-4MO-2ZR-4CR (Ti-17)	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-5AL-4FE-CR	titanium	Chem Equip (2B350, Ti>50, see page 207)
Ti-5AL-5SN-5ZR	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-5AL-6SN-2ZR-MO-0.25SI	titanium	Tubes (1C202.b., Ti UTS>900, see page 224) Chem Equip (2B350, Ti>50, see page 207)
Ti-6.5AL-2CB-1TA-1.2MO	titanium	Chem Equip (2B350, Ti>50, see page 207)
		Tubes (1C202.b., Ti UTS>900, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
TI-6.5AL-3MO-1V	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI6-2-1-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-65A	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-679	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-6AL-2CB-1TA-0.8MO	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-6AL-2Nb-1Ta-0.8Mo	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-6AL-2Sn-4Zr-2Mo	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-6AL-2SN-4ZR-2MO-0.08SI	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-6AL-2SN-4ZR-6MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-6Al-4V	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-6AL-4V (STA)	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-6AL-4V ELI	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-6AL-6V-2SN	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-6AL-6V-2SN (STA)	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-7	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-75A	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-7AL-12ZR	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-7AL-2.5MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-7AL-4MO	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-7AL-4MO (STA)	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-8AL-10V	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-8Al-1Mo-1V	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-8AL-2CB-1TA	titanium	Chem Equip (2B350, Ti>50, see page 207)
TIAl4Mo4Sn2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TIAl5Fe2.5	titanium	Chem Equip (2B350, Ti>50, see page 207)
TIAl5Sn2.5	titanium	Chem Equip (2B350, Ti>50, see page 207)
TIAl6SN2ZR4MO2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TIAl6V4	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TIAl6V6Sn2	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TiBetaC	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-BRUSH 120-AM	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-BRUSH 40	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-BRUSH 50	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-BRUSH 65A	titanium	Chem Equip (2B350, Ti>50, see page 207)
TICODE-12	titanium	Chem Equip (2B350, Ti>50, see page 207)
TICONIUM	cast steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TI-CP-70	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-DSS	stainless steel	Does not meet requirements of any control in Table 2
TI-Gr 1	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI Ni0.8Mo0.3	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-P02	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-P04	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-P11	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-P63	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-P64	titanium	Chem Equip (2B350, Ti>50, see page 207)

Ti

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
TI-P68	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TI-P69	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-Pd16	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-Pd17	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-Pd18	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-Pd7B	titanium	Chem Equip (2B350, Ti>50, see page 207)
TI-Pd8A	titanium	Chem Equip (2B350, Ti>50, see page 207)
TISCO 109	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TISCO 110	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TISCO 120	iron	Chem Equip (2B350, Ni>40, see page 207)
TITAN 993-TI-GRADE 3	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITAN 994PD-TI-GRADE 7	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITAN 994-TI-GRADE 2	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITAN 995PD-TI-GRADE 11	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITAN 995-TI-GRADE 1	titanium	Chem Equip (2B350, Ti>50, see page 207)
Titanium	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITANIUM 3 AL-2.5 V	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TITANIUM 371	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
Titanium Alloys	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITANIUM EP 20-2	titanium	Chem Equip (2B350, Ti>50, see page 207) Crude or semi-fabricated forms (1C002.a.2., Ti>50 and Al>10, see page 209) Tubes (1C202.b., Ti UTS>900, see page 224)
TITANIUM EP 90-10	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TITANIUM TI-175A	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TITANIUM TYPE TI-100 A	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITANIUM TYPE TI-150A	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TITANIUM TYPE TI-75 A	titanium	Chem Equip (2B350, Ti>50, see page 207)
TITANIUM-3 ALUMINUM-2.5 VANADIUM	titanium	Chem Equip (2B350, Ti>50, see page 207)
TNC-A	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TNC-B	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TNC-C	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TNC-D	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TNC-E	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHEL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHEL ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHEL II	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET 30	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
TOPHET A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET A-CB	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET ALLOY 30	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET ALLOY A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET ALLOY C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET ALLOY D	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TOPHET B	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET D	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TOPHET D-CB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TOPHET E	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET M-5	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET X	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET-F	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TOPHET-H	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TP 270C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TP 270H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TP 340C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TP 340H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TP 480C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TP 480H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TP 550C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TP 550H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPM	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TR 270C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TR 270H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TR 340C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TR 340H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TR 480C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TR 480H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TR 550C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TR 550H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TRIBALLOY ALLOY 745	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
TRIBALLOY ALLOY T-700	nickel	Chem Equip (2B350, Ni>40, see page 207)
TRIBALLOY T700	nickel	Chem Equip (2B350, Ni>40, see page 207)
TRIPLE E 8176-H24	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
TRUALLOY ALUMINUM BRONZE	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
TRW 1800	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TRW 1900	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TRW MOD 1900	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TRW VI A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TRW-NASA VI A	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
TTH 270C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 270W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 270WC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 340C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 340W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 340WC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 480C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 480W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH 480WC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH28PdW	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TTH35PdW	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH49PdD	titanium	Chem Equip (2B350, Ti>50, see page 207)
TTH49PdW	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270PdC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270PdH	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270PdW	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270PdWC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 270WC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340PdC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340PdH	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340PdW	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340PdWC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 340WC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480PdC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480PdH	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480PdW	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480PdWC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 480WC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 550C	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 550H	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 550W	titanium	Chem Equip (2B350, Ti>50, see page 207)
TPP 550WC	titanium	Chem Equip (2B350, Ti>50, see page 207)
TUF-WEAR 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
TungCarb C	wolfram	Tubes (1C226, W>90, see page 225)
TungCarb S	wolfram	Tubes (1C226, W>90, see page 225)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
TUNGSTEN	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
TUNGSTEN (COARSE GRAIN)	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
TUNGSTEN (FINE GRAIN)	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
TUNGSTEN 09991	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
TUNGSTEN 3 RHENIUM	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
TUNGSTEN METAL	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
Tungsten Type 1	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
Tungsten Type 2	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
Tungsten Type 3	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
TUNGSTEN-RHC	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
TW 270	titanium	Chem Equip (2B350, Ti>50, see page 207)
TW 340	titanium	Chem Equip (2B350, Ti>50, see page 207)
TW 480	titanium	Chem Equip (2B350, Ti>50, see page 207)
TW28Pd	titanium	Chem Equip (2B350, Ti>50, see page 207)
TW35Pd	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
TW69	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Type 1	niobium	Chem Equip (2B350, Nb>50, see page 207)
Type 2	niobium	Chem Equip (2B350, Nb>50, see page 207)
Type 3	niobium	Chem Equip (2B350, Nb>50, see page 207)
Type 4	niobium	Chem Equip (2B350, Nb>50, see page 207)
Type II Comp A	titanium	Chem Equip (2B350, Ti>50, see page 207)
Type III Comp B	titanium	Chem Equip (2B350, Ti>50, see page 207)
Type III, Comp A	titanium	Chem Equip (2B350, Ti>50, see page 207)
TZC	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
TZM	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UCI-190 HP	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UCI-193	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UCI-198	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UCI-270	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UCI-371	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UCI-390 LC	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UCI-472	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UCI-491 LC	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMAR ALLOY 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
UDIMAR ALLOY 300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
UDIMAR B-250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
UDIMAR B-300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
UDIMET	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 105	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 115	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 200	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET 500	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 520	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET 625	nickel	Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227) Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 630	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 700	nickel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UDIMET 700 (POWDER)	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 700 (WROUGHT)	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 700B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 706	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 710	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 713	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 713 L.C.	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 718 (CAST)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET 718 (WROUGHT)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET 720 (BLADE)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 720 (DISC)	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET 720 (DISK)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 738	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 75	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 80A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 90	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET 901	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET ALLOY D-979	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET ALLOY R-41 (WROUGHT)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET C-101	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET D-979	nickel	Chem Equip (2B350, Ni>40, see page 207)
UDIMET GMR-235	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET HX	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET IN-100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET M-252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET MAR-M-007 (1455)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET MAR-M-009 (1422)	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET MAR-M-247	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET MERL 76	nickel	Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UDIMET N-115	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET NI-80 A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET NICORALY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET R-41 (CAST)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UDIMET R-41 (WROUGHT)	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UDIMET R-80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET R-80H	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET WASPALOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET X-750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UDIMET X-751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Udimet500	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Udimet520	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
Udimet700	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UF NICKEL POWDERS	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UGINE QA2	iron	Chem Equip (2B350, Ni>40, see page 207)
UGINE QA6	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UGINE QA8	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UGINOX QA 2	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UHB 904L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ULBRASEAL 42	iron	Chem Equip (2B350, Ni>40, see page 207)
ULBRASEAL 42-6	iron	Chem Equip (2B350, Ni>40, see page 207)
ULBRASEAL 46	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
ULBRASEAL 52	nickel	Chem Equip (2B350, Ni>40, see page 207)
ULMINIUM S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
Ultimet	cobalt	Does not meet requirements of any control in Table 2
ULTRA B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
ULTRAPERMF	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ULTRAPERMF 80	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ULTRAPERMZ	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ULTRATHERM 20-40	iron	Chem Equip (2B350, Ni>40, see page 207)
UNIDAL	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
UNIDUR-100	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
UNIFONT	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
UNIFONT 5	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
UNILOY 50 CR/50 NI	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNILOY-HC	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNIMAG 50	iron	Chem Equip (2B350, Ni>40, see page 207)
UNIMAR 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
UNIMAR 300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
UNIMAR 350	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
UNIMET	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNION 20-CB	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNISEAL 42	iron	Chem Equip (2B350, Ni>40, see page 207)
UNITEMP 1753	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNITEMP 188	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNITEMP 41	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNITEMP 500	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNITEMP 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNITEMP 718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNITEMP 750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNITEMP 901	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNITEMP AF2-1DA	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNITEMP HX	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNITEMP M252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNITEMP WASPALOY	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNIVERSAL NO. 20, ALUMINUM BRONZE	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
UNS C72150	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
UNS J94213	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
UNS J94214	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS J94650	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS J94651	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS J94652	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS K94000	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS K94100	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS K94200	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS K94490	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
UNS K94600	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
UNS K94760	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS K94800	cast copper	Chem Equip (2B350, Ni>40, see page 207)
UNS K94840	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
UNS K95000	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS M11100	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M12410	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M15100	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M15101	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M15102	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M16100	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M18010	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M18330	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M18410	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M19980	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M19990	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M19991	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M19995	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS M19998	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
UNS N01001	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N01002	nickel	Chem Equip (2B350, Ni>40, see page 207) Crude or semi-fabricated forms (1C002.a.1., Ni and Al 15-38%, see page 208) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02016	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02201	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02205	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02211	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS N02220	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02225	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02230	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02233	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02253	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N02270	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N03220	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N03300	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N03301	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N03360	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N04019	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N04020	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N04400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N04401	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
UNS N04402	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N04404	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207)
UNS N04405	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS N04406	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N05500	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N05502	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06001	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06002	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06003	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06004	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06005	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06006	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06007	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06008	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06009	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06010	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06013	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06015	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06021	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06022	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06025	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06030	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06040	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06045	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS N06050	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06059	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06060	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06062	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06070	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06075	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06078	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06102	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06110	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06200	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06210	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06230	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06250	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06255	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06333	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06455	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06600	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06601	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06602	Ni-Cr	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06603	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06617	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS N06625	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06626	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06635	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06686	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06690	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06782	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N06804	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06920	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06950	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06952	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06975	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N06985	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07001	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07002	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07012	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07013	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07031	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07032	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07041	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07048	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07080	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07090	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07092	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS N07214	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07252	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07500	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07626	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07702	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07713	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07716	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07718	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07719	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07721	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07722	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07725	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N07750	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07751	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07752	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07754	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07773	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07776	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N07924	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N08001	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N08004	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS N08005	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08006	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Chem Equip (2B350, Ni>40, see page 207)
UNS N08007	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08020	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08024	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08026	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08028	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08031	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08032	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08036	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08042	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08120	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Chem Equip (2B350, Ni>40, see page 207)
UNS N08135	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08151	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08221	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08245	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Chem Equip (2B350, Ni>40, see page 207)
UNS N08320	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08321	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08330	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08332	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08334	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08366	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08367	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08421	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08535	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08700	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08705	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08801	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08802	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08810	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08811	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08826	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Chem Equip (2B350, Ni>40, see page 207)
UNS N08904	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08925	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08926	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N08932	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N09706	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N09777	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS N09901	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N09902	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N09908	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N09925	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS N09979	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Chem Equip (2B350, Ni>40, see page 207)
UNS N10001	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N10002	nickel	Pressure sensors (2B230.a., Ni>60, see page 228)
		Valves (2A226, Ni>60, see page 227)
UNS N10003	nickel	Chem Equip (2B350, Ni>40, see page 207)
		Pressure sensors (2B230.a., Ni>60, see page 228)
UNS N10004	stainless steel	Valves (2A226, Ni>60, see page 227)
		Chem Equip (2B350, Ni>40, see page 207)
UNS N10004	stainless steel	Pressure sensors (2B230.a., Ni>60, see page 228)
		Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS N10276	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N10624	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N10629	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N10665	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N10675	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N12160	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N13009	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N13010	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N13017	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N13020	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N13021	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N13100	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N13246	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N14052	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N14076	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N14080	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N19903	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS N19907	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS N19907	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N19909	iron	Chem Equip (2B350, Ni>40, see page 207)
UNS N19909	nickel	Chem Equip (2B350, Ni>40, see page 207)
UNS N22000	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N24025	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N24030	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N24130	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N24135	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N26022	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N26055	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N26455	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
UNS N26625	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N26641	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N26985	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N28820	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N28825	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS N30002	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N30007	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N30012	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS N30107	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
UNS R03600	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03601	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03602	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03603	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03604	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03605	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03606	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03615	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03620	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03630	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R03640	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
UNS R04200	niobium	Chem Equip (2B350, Nb>50, see page 207)
UNS R04210	niobium	Chem Equip (2B350, Nb>50, see page 207)
UNS R04211	niobium	Chem Equip (2B350, Nb>50, see page 207)
UNS R04251	niobium	Chem Equip (2B350, Nb>50, see page 207)
UNS R04261	niobium	Chem Equip (2B350, Nb>50, see page 207)
UNS R04271	niobium	Chem Equip (2B350, Nb>50, see page 207)
UNS R04295	niobium	Chem Equip (2B350, Nb>50, see page 207)
UNS R05200	tantalum	Chem Equip (2B350, Ta>50, see page 207)
UNS R05210	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.b., Ta>99.9, see page 227) Crucibles (2A225.c., Ta>98, see page 227)
UNS R05240	tantalum	Chem Equip (2B350, Ta>50, see page 207)
UNS R05252	tantalum	Chem Equip (2B350, Ta>50, see page 207) Crucibles (2A225.c., Ta>98, see page 227)
UNS R05255	tantalum	Chem Equip (2B350, Ta>50, see page 207)
UNS R05400	tantalum	Chem Equip (2B350, Ta>50, see page 207)
UNS R07004	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
UNS R07005	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
UNS R19800	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Metallic powders (1C111.a.2.b., Be>97, see page 223) Unspecified forms (1C230, Be>50, see page 225)
UNS R19820	beryllium	Bearings or bearing systems (2A001.a., Be>50, see page 226) Metallic powders (1C111.a.2.b., Be>97, see page 223) Unspecified forms (1C230, Be>50, see page 225)
UNS R20033	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS R20500	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS R20501	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UNS R20600	chromium	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
UNS R30027	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS R30035	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS R30159	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS R30563	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS R54521	titanium	Chem Equip (2B350, Ti>50, see page 207)
UNS R56401	titanium	Chem Equip (2B350, Ti>50, see page 207)
UNS R56410	titanium	Chem Equip (2B350, Ti>50, see page 207)
UNS R56440	titanium	Chem Equip (2B350, Ti>50, see page 207)
UNS R56740	titanium	Chem Equip (2B350, Ti>50, see page 207)
UNS R58010	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
UNS R58640	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
UNS R58650	titanium	Chem Equip (2B350, Ti>50, see page 207)
UNS R60704	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
UNS R60705	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
UNS R60706	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
UNS R60802	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
UNS R60804	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
UNS R60901	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
UNS R60902	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
UNS R60904	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
UNS S32200	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS S33228	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS S35045	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS S35135	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
UNS S35315	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS 800	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS 800H	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS 800HT	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS B 6 PM	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS B26	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS B28	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS B6	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS B6	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS B6M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS B6N	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
URANUS SB 8	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
USMAC ML	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
USS 35 N-15 CR	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
USS MARAGING STEEL GR. 200	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
USS MARAGING STEEL GR. 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
USS MARAGING STEEL GR. 300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
UT 35	titanium	Chem Equip (2B350, Ti>50, see page 207)
UT 35-02	titanium	Chem Equip (2B350, Ti>50, see page 207)
UT 40	titanium	Chem Equip (2B350, Ti>50, see page 207)
UT 50	titanium	Chem Equip (2B350, Ti>50, see page 207)
UT 6242	titanium	Chem Equip (2B350, Ti>50, see page 207)
UT 651A	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
UT 662	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
UT 685	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
UT A 7 D	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
UT A8 DV	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
UT60	titanium	Chem Equip (2B350, Ti>50, see page 207)
UTA 5E	titanium	Chem Equip (2B350, Ti>50, see page 207)
UTA 6V	titanium	Chem Equip (2B350, Ti>50, see page 207)
UTA3V	titanium	Chem Equip (2B350, Ti>50, see page 207)
UTASE (L GRADE)	titanium	Chem Equip (2B350, Ti>50, see page 207)
UTASE (NORMAL GRADE)	titanium	Chem Equip (2B350, Ti>50, see page 207)
UTC	titanium	Chem Equip (2B350, Ti>50, see page 207)
UTILOY 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
V	vanadium	Does not meet requirements of any control in Table 2
V L W 63	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
VAC-MELT A	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VAC-MELT AA	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VAC-MELT B7M	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VAC-MELT C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VACODIL 42	iron	Chem Equip (2B350, Ni>40, see page 207)
VACODIL 46	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
VACOMET NI CR 80/20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VACOMET NI FE 80/20	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VACOMINUS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VACOPLUS	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VACOVIT 485	alloy steel	Chem Equip (2B350, Ni>40, see page 207)
VACOVIT 500	nickel	Chem Equip (2B350, Ni>40, see page 207)
VACOVIT 511	nickel	Chem Equip (2B350, Ni>40, see page 207)
VACOVIT 520	nickel	Chem Equip (2B350, Ni>40, see page 207)
VACOVIT 540	nickel	Chem Equip (2B350, Ni>40, see page 207)
VACOVIT S 505	nickel	Chem Equip (2B350, Ni>40, see page 207)
Vale Inco Nickel Powder Type 110	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VALRAY 1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VANCORAM ALUMINUM	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
IRON VANADIUM		
VANCORAM NICKEL	nickel	Chem Equip (2B350, Ni>40, see page 207)
VANADIUM		Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
VAR STEEL GR. 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
VAR STEEL GR. 280	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
VASCOMAX 250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
VASCOMAX 300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
VASCOMAX 350	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
VASCOMAX C-250	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
VASCOMAX C-300	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224)
VASCOMAX C-350	maraging steel	Sheet, plate or tubing (1C116, MS UTS>1500, see page 224) Unspecified forms (1C216, MS UTS>2050, see page 225)
VCA ALLOY	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
VCNIT 1 A	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VDM LC-NICKEL 99.2 - ALLOY 201	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VDM LC-NICKEL 99.6 - ALLOY 205	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VDM NICKEL 99.2 - ALLOY 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VDM NICKEL B 9604-FM 61	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VELODUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
VENTOS 4631	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VERNIDUR	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
VERSALLOY #15	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VERSALLOY #40	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VERSALLOY #50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VERSALLOY #55	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VERSALLOY #60	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)



**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
VERSALLOY 76	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VERSALLOY 78	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VEW H520G	stainless steel	Chem Equip (2B350, Ni>40, see page 207)
VIBRALLOY	iron	Chem Equip (2B350, Ni>40, see page 207)
VIKRO 625	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VIRGO 74	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VIRGO 87B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VL7-45U	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
VLX 5L	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
VMBC	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMBD	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMBE	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMBG	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMPC	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMPG	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMPH	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMPR	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 1C	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 1D	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 1E	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 1H	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 2C	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 2D	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 2E	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 2H	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 3C	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 3D	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 3E	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VMW 3H	molybdenum	Metallic powders (1C117, Mo>97, see page <b>Error! Bookmark not defined.</b> )
VNiP	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VNiR	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VT1-0	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT1-00	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT1L	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT-5	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT-5-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT5-1	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT5-1KT	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT6	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT-6	titanium	Chem Equip (2B350, Ti>50, see page 207) Tubes (1C202.b., Ti UTS>900, see page 224)
VT6S	titanium	Chem Equip (2B350, Ti>50, see page 207)
VT-6S	titanium	Chem Equip (2B350, Ti>50, see page 207)
VWB 1D	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
VWB 1E	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
VWB 1G	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)

VW

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
VWB 2D	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWB 2E	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWB 2G	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWB 2S	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 1C	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 1D	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 1E	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 1H	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 2C	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 2D	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 2E	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VWW 2H	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
VZH 36-L1	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VZH 36-L2	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
VZH 98	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
VZHL8	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
W	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
W 6 ALLOY	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
W HYDROGEN-REDUCED	wolfram	Metallic powders (1C117, W>97, see page <a href="#">Error! Bookmark not defined.</a> ) Tubes (1C226, W>90, see page 225)
WAH CHANG C-120	niobium	Chem Equip (2B350, Nb>50, see page 207)
WAH CHANG CB-33ZR	niobium	Chem Equip (2B350, Nb>50, see page 207)
WAH CHANG XB-88	niobium	Chem Equip (2B350, Nb>50, see page 207)
Waspaloy	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WATCH ALLOY-2	wrought copper	Chem Equip (2B350, Ni>40, see page 207)
WAUKESHA B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAUKESHA C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAUKESHA NO. 13	nickel	Chem Equip (2B350, Ni>40, see page 207)
WAUKESHA NO. 20	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WAUKESHA NO. 23	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAUKESHA NO. 23BI	stainless steel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAUKESHA NO. 23C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
WAUKESHA NO. 50	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAUKESHA NO. 54C	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAUKESHA NO. 88	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAZ-16	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAZ-20	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WAZ-D	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WBD 200	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WBD 205	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WBD 400	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WBD 600	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WBD WELD 61	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WC-103	niobium	Chem Equip (2B350, Nb>50, see page 207)
WC-129Y	niobium	Chem Equip (2B350, Nb>50, see page 207)
WC-1ZR	niobium	Chem Equip (2B350, Nb>50, see page 207)
WC-3015	niobium	Chem Equip (2B350, Nb>50, see page 207)
WC-752	niobium	Chem Equip (2B350, Nb>50, see page 207)
W-DECARB	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
WE43A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
WE54A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
WEHRALLOY NO. 10	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WEHRALLOY NO. 26	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WEHRALLOY NO. 27	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WEHRALLOY NO. 28	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WEHRALLOY NO. 8	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WEHRALLOY NO. 9	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WELL-CAST A	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
WELL-CAST K	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
WELMET 20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WELMET NO. 1	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)

WE

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
WESTECCO NO. 5	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WESTINGHOUSE 52 NI-FE	nickel	Chem Equip (2B350, Ni>40, see page 207)
WESTINGHOUSE B-33	niobium	Chem Equip (2B350, Nb>50, see page 207)
WESTINGHOUSE B-66	niobium	Chem Equip (2B350, Nb>50, see page 207)
WESTINGHOUSE B-77	niobium	Chem Equip (2B350, Nb>50, see page 207)
WESTINGHOUSE HI-120	niobium	Chem Equip (2B350, Nb>50, see page 207)
WESTINGHOUSE NC155	niobium	Chem Equip (2B350, Nb>50, see page 207)
WESTINGHOUSE SR26	nickel	Chem Equip (2B350, Ni>40, see page 207)
WESTINGHOUSE T-111	tantalum	Chem Equip (2B350, Ta>50, see page 207)
WESTINGHOUSE T-222	tantalum	Chem Equip (2B350, Ta>50, see page 207)
WHITELIGHT AZ10	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
WHITELIGHT M1A	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
WHITELIGHT ZK20A	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)
WHITELIGHT ZK60A	magnesium	Crude or semi-fabricated forms (1C002.b.5., Mg UTS>345, see page 214) Crude or semi-fabricated forms (1C002.c.1.e., Mg UTS>345, see page 216)
WIELAND-A25	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
WIELAND-A28	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
WIELAND-A42	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
WIGGIN ALLOY C263	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
WILLIAMS S1238	palladium	Chem Equip (2B350, Ni>40, see page 207)
WILLIAMS S271	bismuth	Unspecified forms (1C229, Bi>99.99, see page 225)
WIPTAM	cobalt	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WIRESPRAY MONEL	Monel	Bearings or bearing systems (2A001.a., Monel, see page 226)
WIRONIT B	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WIRONIT C	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WISCALLOY 25-35NB	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WISSCO NO. 5 C N	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WITHERM 61	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WITTEN 2260	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WITTEN DA 1573	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WITTEN DA 2060 TI	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
WITTEN DA 2060 TIL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
WITTEN DA 2080	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WITTEN DA 2080 L	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WITTEN DA 2080 TI	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
WITTEN DA 2080 TIL	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WNI99	nickel	Chem Equip (2B350, Ni>40, see page 207) Metallic powders (1C240.a., Ni>99, see page 225) Porous metal (1C240.b., Ni>99, see page 226) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WNr 1.4500	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WNr 1.4536	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WNr 1.4855	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WNr 1.4857	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WNr 1.4958	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WOLVERINE ALLOY 52	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
WORTHITE	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
WZ-1D	nickel	Chem Equip (2B350, Ni>40, see page 207)
X	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
X	Ni-Cr	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
X 8 NICORT155-20-20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
X 8 NICRALTI 75-20	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
X10NiCrAlTi32-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
X-11	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
X1CrNiMoCuN25-25-5	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
X1NiCrMoCu31-27-4	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
X1NiCrMoCuN25-20-7	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
X2NiCrMoCuN25206	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
X5NiCrAlTi31-20	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
X-782	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
X9NiCr33-21	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
X-9R	wolfram	Metallic powders (1C117, W>97, see page <b>Error! Bookmark not defined.</b> ) Tubes (1C226, W>90, see page 225)
XALOY 1525	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
XALOY 306	cobalt	Chem Equip (2B350, Ni>40, see page 207)
XB75S	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
XH-80	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
X-ITE	iron	Chem Equip (2B350, Ni>40, see page 207)
X-ITE CB	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
YD NICRAL	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
YD-NI	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
YNiFeCr-1	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207)
YOONSTEEL S5	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
Z6NCUDU252004M	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ZAMIUM	nickel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207) Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ZAPP 252 T	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ZE10A	magnesium	Crude or semi-fabricated forms (1C011.a., Mg>99, see page 220) Metallic powders (1C111.a.2.c., Mg>97, see page 224)
ZERGAL-X3	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
Zeron100	iron	Does not meet requirements of any control in Table 2
ZG35Ni24Cr18Si2	iron	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ZG45Ni35Cr26	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ZHS3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ZHS-3	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ZHS-6	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ZHS-6K	nickel	Chem Equip (2B350, Ni>40, see page 207) Pressure sensors (2B230.a., Ni>60, see page 228) Valves (2A226, Ni>60, see page 227)
ZIMALIUM	aluminium	Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ZINC DURALUMIN (E ALLOY)	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ZINKALIUM	aluminium	Metallic powders (1C111.a.1., Al>97, see page 223) Pressure sensors (2B230.a., Al>50, see page 228) Valves (2A226, Al>50, see page 227)
ZIRCADYNE 702	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCADYNE 704	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCADYNE 705	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCADYNE 706	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCAL	aluminium	Crude or semi-fabricated forms (1C002.b.4., Al UTS>415, see page 213) Crude or semi-fabricated forms (1C002.c.1.d., Al UTS>415, see page 215) Pressure sensors (2B230.a., Al>50, see page 228) Tubes (1C202.a., Al UTS>460, see page 224) Valves (2A226, Al>50, see page 227)
ZIRCALLOY-2	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCALOY 2	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)

**Table 1. Potentially Controlled Alloys (including but not limited to)**

Alloy	Type	Controlled Commodity
ZIRCALOY 3	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCALOY 4	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCALOY-2	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCALOY-4	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCONIUM	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
Zirconium Alloys	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCONIUM DISILICIDE	zirconium	Chem Equip (2B350, Zr>50, see page 207)
ZIRCONIUM GR. 11	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCONIUM GR. 12	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRCONIUM GR. 32	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCONIUM GR. 34	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCONIUM-2.5 NIOBIUM	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCONIUM-AJR	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZIRCONIUM-ATR	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRKONIUM 702	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRKONIUM 704	stainless steel	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZIRMET	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
Zn	zinc	Does not meet requirements of any control in Table 2
Zr	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
Zr 2 or 4	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
Zr 702	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
Zr 704	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)

Zr

**Table 1. Potentially Controlled Alloys (including but not limited to)**

<b>Alloy</b>	<b>Type</b>	<b>Controlled Commodity</b>
Zr 705	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZR CU	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZR CU MO (ATR)	zirconium	Chem Equip (2B350, Zr>50, see page 207) Crude or semi-fabricated forms (1C011.a., Zr>99, see page 220) Metallic powders (1C111.a.2.a., Zr>97, see page 223) Unspecified forms (1C234, Zr>99, see page 225)
ZR NB	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
Zr-2.5Nb	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZR702	zirconium	Does not meet requirements of any control in Table 2
Zr-Nb	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
Zr-Nb Alloy	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
Zr-Sn Alloy	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZrTn802D	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZrTN804D	zirconium	Chem Equip (2B350, Zr>50, see page 207) Metallic powders (1C111.a.2.a., Zr>97, see page 223)
ZUNIT-GUSS N30	stainless steel	Chem Equip (2B350, Ni>25 and Cr>20, see page 207)
ZW.1	magnesium	Metallic powders (1C111.a.2.c., Mg>97, see page 224)



**Table 2. EU Commerce Control Language**

Commodity Categories vs. Alloy types under 2B350 Chemical Equipment

Many of the alloys listed in Table 1 are controlled because their high resistance to corrosion makes them suitable for use in chemical processing equipment that might be used to project chemical weapons. When you find an alloy that is suitable for chemical equipment, use this cross reference table to see the applicable commodity types, control section numbers and a page reference to the full text of the controls.

Controlled Commodity	see page	Nb>50	Ni>25 and Cr>20	Ni>40	Ta>50	Ti>50	Zr>50
Agitators	228	2B350.b.8.	2B350.b.1.	2B350.b.4.	2B350.b.5.	2B350.b.6.	2B350.b.7.
Distillation columns	229	2B350.e.9.	2B350.e.1.	2B350.e.5.	2B350.e.6.	2B350.e.7.	2B350.e.8.
Filling equipment	229		2B350.f.1.	2B350.f.2.			
Heat exchangers	229	2B350.d.11	2B350.d.1.	2B350.d.5.	2B350.d.6.	2B350.d.7.	2B350.d.8.
Incinerators	231		2B350.j.1.	2B350.j.3.			
Multiple seal and seal-less pumps and vacuum pumps	230	2B350.i.11.	2B350.i.1.	2B350.i.7.	2B350.i.8.	2B350.i.9.	2B350.i.10.
Multi-walled piping	230	2B350.h.9.	2B350.h.1.	2B350.h.5.	2B350.h.6.	2B350.h.7.	2B350.h.8.
Reaction vessels	228	2B350.a.8.	2B350.a.1.	2B350.a.4.	2B350.a.5.	2B350.a.6.	2B350.a.7.
Storage tanks	229	2B350.c.8.	2B350.c.1.	2B350.c.4.	2B350.c.5.	2B350.c.6.	2B350.c.7.
Valves	230	2B350.g.8.	2B350.g.1.	2B350.g.4.	2B350.g.5.	2B350.g.6.	2B350.g.7.

EU Control	Regime	Controlled Commodity	Full Text
1B228.c.	NSG DUL 4.B.2	Distillation columns	1B228 Hydrogen-cryogenic distillation columns having all of the following characteristics: a. Designed for operation with internal temperatures of 35 K (-238 °C) or less; b. Designed for operation at an internal pressure of 0,5 to 5 MPa; c. Constructed of either: c.1. Stainless steel of the 300 series with low sulphur content and with an austenitic ASTM (or equivalent standard) grain size number of 5 or greater; or c.2. Equivalent materials which are both cryogenic and H2-compatible; and d. With internal diameters of 1 m or greater and effective lengths of 5 m or greater.
1B229.a.2.	NSG DUL 4.B.1.a	Exchange tray columns	1B229 Water-hydrogen sulphide exchange tray columns and 'internal contactors', as follows: N.B.: For columns which are specially designed or prepared for the production of heavy water see 0B004. a. Water-hydrogen sulphide exchange tray columns, having all of the following characteristics: a.1. Can operate at pressures of 2 MPa or greater; a.2. Constructed of carbon steel having an austenitic ASTM (or equivalent standard) grain size number of 5 or greater; and a.3. With a diameter of 1,8 m or greater; 1B229 Water-hydrogen sulphide exchange tray columns and 'internal contactors', as follows: N.B.: For columns which are specially designed or prepared for the production of heavy water see 0B004. a. Water-hydrogen sulphide exchange tray columns, having all of the following characteristics: a.1. Can operate at pressures of 2 MPa or greater; a.2. Constructed of carbon steel having an austenitic ASTM (or equivalent standard) grain size number of 5 or greater; and a.3. With a diameter of 1,8 m or greater; b. 'Internal contactors' for the water-hydrogen sulphide exchange tray columns specified in 1B229.a.
1B229.b.	NSG DUL 4.B.1.b	Internal contactors for exchange tray columns	Technical Note: 'Internal contactors' of the columns are segmented trays which have an effective assembled diameter of 1,8 m or greater, are designed to facilitate countercurrent contacting and are constructed of stainless steels with a carbon content of 0,03 % or less. These may be sieve trays, valve trays, bubble cap trays, or turbogrid trays.

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.a.1.	WA Cat 1 1.C.2.a.1.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>a. Aluminides, as follows:</p> <p>a.1. Nickel aluminides containing a minimum of 15 % by weight aluminium, a maximum of 38 % by weight aluminium and at least one additional alloying element;</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.a.2.	WA Cat 1 1.C.2.a.2.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>a. Aluminides, as follows:</p> <p>a.2. Titanium aluminides containing 10 % by weight or more aluminium and at least one additional alloying element;</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.b.1.	WA Cat 1 1.C.2.b.1.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>2. 'Stress-rupture life' should be measured in accordance with ASTM standard E-139 or national equivalents.</p> <p>3. 'Low cycle fatigue life' should be measured in accordance with ASTM Standard E-606 'Recommended Practice for Constant-Amplitude Low-Cycle Fatigue Testing' or national equivalents. Testing should be axial with an average stress ratio equal to 1 and a stress-concentration factor (Kt) equal to 1. The average stress is defined as maximum stress minus minimum stress divided by maximum stress.</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.1. Nickel alloys having any of the following:</p> <p>b.1.a. A 'stress-rupture life' of 10000 hours or longer at 923 K (650 °C) at a stress of 676 MPa; or</p> <p>b.1.b. A 'low cycle fatigue life' of 10000 cycles or more at 823 K (550° C) at a maximum stress of 1095 MPa;</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.b.2.	WA Cat 1 1.C.2.b.2.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>2. 'Stress-rupture life' should be measured in accordance with ASTM standard E-139 or national equivalents.</p> <p>3. 'Low cycle fatigue life' should be measured in accordance with ASTM Standard E-606 'Recommended Practice for Constant-Amplitude Low-Cycle Fatigue Testing' or national equivalents. Testing should be axial with an average stress ratio equal to 1 and a stress-concentration factor (Kt) equal to 1. The average stress is defined as maximum stress minus minimum stress divided by maximum stress.</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.2. Niobium alloys having any of the following:</p> <p>b.2.a. A 'stress-rupture life' of 10000 hours or longer at 1073 K (800 °C) at a stress of 400 Mpa; or</p> <p>b.2.b. A 'low cycle fatigue life' of 10000 cycles or more at 973 K (700 °C) at a maximum stress of 700 MPa;</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.b.3.	WA Cat 1 1.C.2.b.3.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>2. 'Stress-rupture life' should be measured in accordance with ASTM standard E-139 or national equivalents.</p> <p>3. 'Low cycle fatigue life' should be measured in accordance with ASTM Standard E-606 'Recommended Practice for Constant-Amplitude Low-Cycle Fatigue Testing' or national equivalents. Testing should be axial with an average stress ratio equal to 1 and a stress-concentration factor (Kt) equal to 1. The average stress is defined as maximum stress minus minimum stress divided by maximum stress.</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.3. Titanium alloys having any of the following:</p> <p>b.3.a. A 'stress-rupture life' of 10000 hours or longer at 723 K (450 °C) at a stress of 200 MPa; or</p> <p>b.3.b. A 'low cycle fatigue life' of 10000 cycles or more at 723 K (450 °C) at a maximum stress of 400 MPa;</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.b.4.	WA Cat 1 1.C.2.b.4	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.4. Aluminium alloys having any of the following:</p> <p>b.4.a. A tensile strength of 240 MPa or more at 473 K (200 °C); or</p> <p>b.4.b. A tensile strength of 415 MPa or more at 298 K (25 °C);</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.b.5.	WA Cat 1 1.C.2.b.5.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.5. Magnesium alloys having all of the following:</p> <p>b.5.a. A tensile strength of 345 MPa or more; and</p> <p>b.5.b. A corrosion rate of less than 1 mm/year in 3 % sodium chloride aqueous solution measured in accordance with ASTM standard G-31 or national equivalents;</p>



**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.c.1.d.	WA Cat 1 1.C.2.c.1.d.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.4. Aluminium alloys having any of the following:</p> <p>b.4.a. A tensile strength of 240 MPa or more at 473 K (200 °C); or</p> <p>b.4.b. A tensile strength of 415 MPa or more at 298 K (25 °C);</p> <p>c. Metal alloy powder or particulate material, having all of the following:</p> <p>c.1. Made from any of the following composition systems:</p> <p>Technical Note:</p> <p>X in the following equals one or more alloying elements.</p> <p>c.1.d. Aluminium alloys (Al-Mg-X or Al-X-Mg, Al-Zn-X or Al-X-Zn, Al-Fe-X or Al-X-Fe); or</p> <p>c.2. Made in a controlled environment by any of the following processes:</p> <p>c.2.a. "Vacuum atomisation";</p> <p>c.2.b. "Gas atomisation";</p> <p>c.2.c. "Rotary atomisation";</p> <p>c.2.d. "Splat quenching";</p> <p>c.2.e. "Melt spinning" and "comminution";</p> <p>c.2.f. "Melt extraction" and "comminution"; or</p> <p>c.2.g. "Mechanical alloying"; and</p> <p>c.3. Capable of forming materials specified in 1C002.a. or 1C002.b.</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.c.1.e.	WA Cat 1 1.C.2.c.1.e.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.5. Magnesium alloys having all of the following:</p> <p>b.5.a. A tensile strength of 345 MPa or more; and</p> <p>b.5.b. A corrosion rate of less than 1 mm/year in 3 % sodium chloride aqueous solution measured in accordance with ASTM standard G-31 or national equivalents;</p> <p>c. Metal alloy powder or particulate material, having all of the following:</p> <p>c.1. Made from any of the following composition systems:</p> <p>Technical Note:</p> <p>X in the following equals one or more alloying elements.</p> <p>c.1.e. Magnesium alloys (Mg-Al-X or Mg-X-Al);</p> <p>c.2. Made in a controlled environment by any of the following processes:</p> <p>c.2.a. "Vacuum atomisation";</p> <p>c.2.b. "Gas atomisation";</p> <p>c.2.c. "Rotary atomisation";</p> <p>c.2.d. "Splat quenching";</p> <p>c.2.e. "Melt spinning" and "comminution";</p> <p>c.2.f. "Melt extraction" and "comminution"; or</p> <p>c.2.g. "Mechanical alloying"; and</p> <p>c.3. Capable of forming materials specified in 1C002.a. or 1C002.b.</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.d.	WA Cat 1 1.C.2.d.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C002 Metal alloys, metal alloy powder and alloyed materials, as follows:</p> <p>Note:1C002 does not control metal alloys, metal alloy powder and alloyed materials for coating substrates.</p> <p>Technical Notes:</p> <p>1. The metal alloys in 1C002 are those containing a higher percentage by weight of the stated metal than of any other element.</p> <p>2. 'Stress-rupture life' should be measured in accordance with ASTM standard E-139 or national equivalents.</p> <p>3. 'Low cycle fatigue life' should be measured in accordance with ASTM Standard E-606 'Recommended Practice for Constant-Amplitude Low-Cycle Fatigue Testing' or national equivalents. Testing should be axial with an average stress ratio equal to 1 and a stress-concentration factor (Kt) equal to 1. The average stress is defined as maximum stress minus minimum stress divided by maximum stress.</p> <p>a. Aluminides, as follows:</p> <p>a.1. Nickel aluminides containing a minimum of 15 % by weight aluminium, a maximum of 38 % by weight aluminium and at least one additional alloying element;</p> <p>a.2. Titanium aluminides containing 10 % by weight or more aluminium and at least one additional alloying element;</p> <p>b. Metal alloys, as follows, made from material specified in 1C002.c.:</p> <p>b.1. Nickel alloys having any of the following:</p> <p>b.1.a. A 'stress-rupture life' of 10000 hours or longer at 923 K (650 °C) at a stress of 676 MPa; or</p> <p>b.1.b. A 'low cycle fatigue life' of 10000 cycles or more at 823 K (550 °C) at a maximum stress of 1095 MPa;</p> <p>b.2. Niobium alloys having any of the following:</p> <p>b.2.a. A 'stress-rupture life' of 10000 hours or longer at 1073 K (800 °C) at a stress of 400 Mpa; or</p> <p>b.2.b. A 'low cycle fatigue life' of 10000 cycles or more at 973 K (700 °C) at a maximum stress of 700 MPa;</p> <p>b.3. Titanium alloys having any of the following:</p> <p>b.3.a. A 'stress-rupture life' of 10000 hours or longer at 723 K (450 °C) at a stress of 200 MPa; or</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C002.d. continued			<p>b.3.b. A 'low cycle fatigue life' of 10000 cycles or more at 723 K (450 °C) at a maximum stress of 400 MPa;</p> <p>b.4. Aluminium alloys having any of the following:</p> <p>b.4.a. A tensile strength of 240 MPa or more at 473 K (200 °C); or</p> <p>b.4.b. A tensile strength of 415 MPa or more at 298 K (25 °C);</p> <p>b.5. Magnesium alloys having all of the following:</p> <p>b.5.a. A tensile strength of 345 MPa or more; and</p> <p>b.5.b. A corrosion rate of less than 1 mm/year in 3 % sodium chloride aqueous solution measured in accordance with ASTM standard G-31 or national equivalents;</p> <p>c. Metal alloy powder or particulate material, having all of the following:</p> <p>c.1. Made from any of the following composition systems: Technical Note: X in the following equals one or more alloying elements.</p> <p>c.1.a. Nickel alloys (Ni-Al-X, Ni-X-Al) qualified for turbine engine parts or components, i.e. with less than 3 non-metallic particles (introduced during the manufacturing process) larger than 100 µm in 10<sup>9</sup> alloy particles;</p> <p>c.1.b. Niobium alloys (Nb-Al-X or Nb-X-Al, Nb-Si-X or Nb-X-Si, Nb-Ti-X or Nb-X-Ti);</p> <p>c.1.c. Titanium alloys (Ti-Al-X or Ti-X-Al);</p> <p>c.1.d. Aluminium alloys (Al-Mg-X or Al-X-Mg, Al-Zn-X or Al-X-Zn, Al-Fe-X or Al-X-Fe); or</p> <p>c.1.e. Magnesium alloys (Mg-Al-X or Mg-X-Al);</p> <p>c.2. Made in a controlled environment by any of the following processes:</p> <p>c.2.a. "Vacuum atomisation";</p> <p>c.2.b. "Gas atomisation";</p> <p>c.2.c. "Rotary atomisation";</p> <p>c.2.d. "Splat quenching";</p> <p>c.2.e. "Melt spinning" and "comminution";</p> <p>c.2.f. "Melt extraction" and "comminution"; or</p> <p>c.2.g. "Mechanical alloying"; and</p> <p>c.3. Capable of forming materials specified in 1C002.a. or 1C002.b.</p> <p>d. Alloyed materials having all of the following:</p> <p>d.1. Made from any of the composition systems specified in 1C002.c.1.;</p> <p>d.2. In the form of uncomminuted flakes, ribbons or thin rods; and</p> <p>d.3. Produced in a controlled environment by any of the following:</p> <p>d.3.a. "Splat quenching";</p> <p>d.3.b. "Melt spinning"; or</p> <p>d.3.c. "Melt extraction".</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C004	WA Cat 1 1.C.4.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C004 Uranium titanium alloys or tungsten alloys with a "matrix" based on iron, nickel or copper, having all of the following:</p> <p>a. A density exceeding 17,5 g/cm<sup>3</sup>;</p> <p>b. An elastic limit exceeding 880 MPa;</p> <p>c. An ultimate tensile strength exceeding 1270 Mpa; and</p> <p>d. An elongation exceeding 8 %.</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C011.a.	WA Cat 1 1.C.11.a.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C011 Metals and compounds, as follows:</p> <p>a. Metals in particle sizes of less than 60 µm whether spherical, atomised, spheroidal, flaked or ground, manufactured from material consisting of 99 % or more of zirconium, magnesium and alloys thereof;</p> <p>Technical Note:</p> <p>The natural content of hafnium in the zirconium (typically 2 % to 7 %) is counted with the zirconium.</p> <p>Note: The metals or alloys specified in 1C011.a. are controlled whether or not the metals or alloys are encapsulated in aluminium, magnesium, zirconium or beryllium.</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C011.b.	WA Cat 1 1.C.11.b.	Crude or semi-fabricated forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C011 Metals and compounds, as follows:</p> <p>b. Boron or boron carbide of 85 % purity or higher, and a particle size of 60 µm or less;</p> <p>Note: The metals or alloys specified in 1C011.b. are controlled whether or not the metals or alloys are encapsulated in aluminium, magnesium, zirconium or beryllium.</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C012.a.	WA Cat 1 1.C.12.a.	Unspecified forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C012 Materials as follows:</p> <p>Technical Note:</p> <p>These materials are typically used for nuclear heat sources.</p> <p>a. Plutonium in any form with a plutonium isotopic assay of plutonium-238 of more than 50 % by weight;</p> <p>Note:1C012.a. does not control:</p> <p>a. Shipments with a plutonium content of 1 g or less;</p> <p>b. Shipments of 3 "effective grammes" or less when contained in a sensing component in instruments.</p>



**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C012.b.	WA Cat 1 1.C.12.b.	Unspecified forms	<p>1C Materials</p> <p>Technical Note:</p> <p>Metals and alloys:</p> <p>Unless provision to the contrary is made, the words 'metals' and 'alloys' in 1C001 to 1C012 cover crude and semi-fabricated forms, as follows:</p> <p>Crude forms:</p> <p>Anodes, balls, bars (including notched bars and wire bars), billets, blocks, blooms, brickets, cakes, cathodes, crystals, cubes, dice, grains, granules, ingots, lumps, pellets, pigs, powder, rondelles, shot, slabs, slugs, sponge, sticks;</p> <p>Semi-fabricated forms (whether or not coated, plated, drilled or punched):</p> <p>a. Wrought or worked materials fabricated by rolling, drawing, extruding, forging, impact extruding, pressing, graining, atomising, and grinding, i.e.: angles, channels, circles, discs, dust, flakes, foils and leaf, forging, plate, powder, pressings and stampings, ribbons, rings, rods (including bare welding rods, wire rods, and rolled wire), sections, shapes, sheets, strip, pipe and tubes (including tube rounds, squares, and hollows), drawn or extruded wire;</p> <p>b. Cast material produced by casting in sand, die, metal, plaster or other types of moulds, including high pressure castings, sintered forms, and forms made by powder metallurgy.</p> <p>The object of the control should not be defeated by the export of non-listed forms alleged to be finished products but representing in reality crude forms or semi-fabricated forms.</p> <p>1C012 Materials as follows:</p> <p>Technical Note:</p> <p>These materials are typically used for nuclear heat sources.</p> <p>b. "Previously separated" neptunium-237 in any form.</p> <p>Note:1C012.b. does not control shipments with a neptunium-237 content of 1 g or less.</p>
1C111.a.1.	MTCR 4.C.2.c	Metallic powders	<p>1C111 Propellants and constituent chemicals for propellants, other than those specified in 1C011, as follows:</p> <p>a. Propulsive substances:</p> <p>a.1. Spherical aluminium powder, other than that specified in the Military Goods Controls, with particles of uniform diameter of less than 200 µm and an aluminium content of 97 % by weight or more, if at least 10 % of the total weight is made up of particles of less than 63 µm, according to ISO 2591:1988 or national equivalents;</p> <p>Technical Note:</p> <p>A particle size of 63 µm (ISO R-565) corresponds to 250 mesh (Tyler) or 230 mesh (ASTM standard E-11).</p>
1C111.a.2.a.	MTCR 4.C.2.d	Metallic powders	<p>1C111 Propellants and constituent chemicals for propellants, other than those specified in 1C011, as follows:</p> <p>a. Propulsive substances:</p> <p>a.2. Metal fuels, other than that specified in the Military Goods Controls, in particle sizes of less than 60 µm, whether spherical, atomized, spheroidal, flaked or ground, consisting 97 % by weight or more of any of the following:</p> <p>a.2.a. Zirconium;</p> <p>a.2.d. Alloys of the metals specified in a. to c. above;</p> <p>Technical Note:</p> <p>The natural content of hafnium in the zirconium (typically 2 % to 7 %) is counted with the zirconium.</p>
1C111.a.2.b.	MTCR 4.C.2.d	Metallic powders	<p>1C111 Propellants and constituent chemicals for propellants, other than those specified in 1C011, as follows:</p> <p>a. Propulsive substances:</p> <p>a.2. Metal fuels, other than that specified in the Military Goods Controls, in particle sizes of less than 60 µm, whether spherical, atomized, spheroidal, flaked or ground, consisting 97 % by weight or more of any of the following:</p> <p>a.2.b. Beryllium;</p> <p>a.2.d. Alloys of the metals specified in a. to c. above;</p>

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C111.a.2.c.	MTCR 4.C.2.d	Metallic powders	1C111 Propellants and constituent chemicals for propellants, other than those specified in 1C011, as follows: a. Propulsive substances: a.2. Metal fuels, other than that specified in the Military Goods Controls, in particle sizes of less than 60 µm, whether spherical, atomized, spheroidal, flaked or ground, consisting 97 % by weight or more of any of the following: a.2.c. Magnesium; or a.2.d. Alloys of the metals specified in a. to c. above;
1C116	MTCR 6.C.8	Sheet, plate or tubing	1C116 Maraging steels having an ultimate tensile strength of 1500 MPa or greater, measured at 293 K (20 °C), in the form of sheet, plate or tubing with a wall or plate thickness equal to or less than 5 mm. Technical Note: Maraging steels are iron alloys generally characterised by high nickel, very low carbon content and the use of substitutional elements or precipitates to produce strengthening and age-hardening of the alloy.
1C117	MTCR 6.C.7.a, MTCR 6.C.7.b	Metallic powders	1C117 Tungsten, molybdenum and alloys of these metals in the form of uniform spherical or atomized particles of 500 micrometre diameter or less with a purity of 97 % or greater for fabrication of rocket motor components usable in "missiles", space launch vehicles specified in 9A004 or sounding rockets specified in 9A104 (i.e., heat shields, nozzle substrates, nozzle throats and thrust vector control surfaces).
1C118	MTCR 6.C.9	Ingots, sheets, tubes	1C118 Titanium-stabilised duplex stainless steel (Ti-DSS) having all of the following: a. Having all of the following characteristics: a.1. Containing 17.0-23.0 weight percent chromium and 4.5-7.0 weight percent nickel; a.2. Having a titanium content of greater than 0,10 weight percent; and a.3. A ferritic-austenitic microstructure (also referred to as a two-phase microstructure) of which at least 10 percent is austenite by volume (according to ASTM E-1181-87 or national equivalents); and b. Having any of the following forms: b.1. Ingots or bars having a size of 100 mm or more in each dimension; b.2. Sheets having a width of 600 mm or more and a thickness of 3 mm or less; or b.3. Tubes having an outer diameter of 600 mm or more and a wall thickness of 3 mm or less.
1C202.a.	NSG DUL 2.C.1	Tubes	1C202 Alloys, other than those specified in 1C002.b.3. or.b.4., as follows: a. Aluminium alloys having both of the following characteristics: a.1. 'Capable of' an ultimate tensile strength of 460 MPa or more at 293 K (20 °C); and a.2. In the form of tubes or cylindrical solid forms (including forgings) with an outside diameter of more than 75 mm; Technical Note: The phrase alloys 'capable of' encompasses alloys before or after heat treatment.
1C202.b.	NSG DUL 2.C.13	Tubes	1C202 Alloys, other than those specified in 1C002.b.3. or.b.4., as follows: b. Titanium alloys having both of the following characteristics: b.1. 'Capable of' an ultimate tensile strength of 900 MPa or more at 293 K (20 °C); and b.2. In the form of tubes or cylindrical solid forms (including forgings) with an outside diameter of more than 75 mm. Technical Note: The phrase alloys 'capable of' encompasses alloys before or after heat treatment.

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
1C216	NSG DUL 2.C.11	Unspecified forms	1C216 Maraging steel, other than that specified in 1C116, 'capable of' an ultimate tensile strength of 2050 MPa or more, at 293 K (20 °C). Note:1C216 does not control forms in which all linear dimensions are 75 mm or less.
1C226	NSG DUL 2.C.14	Tubes	1C226 Tungsten, tungsten carbide, and alloys containing more than 90 % tungsten by weight, having both of the following characteristics: a. In forms with a hollow cylindrical symmetry (including cylinder segments) with an inside diameter between 100 mm and 300 mm; and b. A mass greater than 20 kg. Note:1C226 does not control manufactures specially designed as weights or gamma-ray collimators.
1C228	NSG DUL 2.C.10	Unspecified forms	1C228 Magnesium having both of the following characteristics: a. Containing less than 200 parts per million by weight of metallic impurities other than calcium; and b. Containing less than 10 parts per million by weight of boron.
1C229	NSG DUL 2.C.3	Unspecified forms	1C229 Bismuth having both of the following characteristics: a. A purity of 99,99 % or greater by weight; and b. Containing less than 10 parts per million by weight of silver.
1C230	NSG DUL 2.C.2	Unspecified forms	1C230 Beryllium metal, alloys containing more than 50 % beryllium by weight, beryllium compounds, manufactures thereof, and waste or scrap of any of the foregoing. Note:1C230 does not control the following: a. Metal windows for X-ray machines, or for bore-hole logging devices; b. Oxide shapes in fabricated or semi-fabricated forms specially designed for electronic component parts or as substrates for electronic circuits; c. Beryl (silicate of beryllium and aluminium) in the form of emeralds or aquamarines.
1C231	NSG DUL 2.C.8	Unspecified forms	1C231 Hafnium metal, alloys containing more than 60 % hafnium by weight, hafnium compounds containing more than 60 % hafnium by weight, manufactures thereof, and waste or scrap of any of the foregoing.
1C234	NSG DUL 2.C.15	Unspecified forms	1C234 Zirconium with a hafnium content of less than 1 part hafnium to 500 parts zirconium by weight, as follows: metal, alloys containing more than 50 % zirconium by weight, compounds, manufactures thereof, waste or scrap of any of the foregoing. Note: 1C234 does not control zirconium in the form of foil having a thickness of 0,10 mm or less.
1C240.a.	NSG DUL 2.C.16.a.	Metallic powders	1C240 Nickel powder and porous nickel metal, other than those specified in 0C005, as follows: a. Nickel powder having both of the following characteristics: a.1. A nickel purity content of 99,0 % or greater by weight; and a.2. A mean particle size of less than 10 micrometres measured by American Society for Testing and Materials (ASTM) B330 standard; Note:1C240 does not control the following: a. Filamentary nickel powders; b. Single porous nickel sheets with an area of 1000 cm <sup>2</sup> per sheet or less.

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EU Control	Regime	Controlled Commodity	Full Text
1C240.b.	NSG DUL 2.C.16.b.	Porous metal	1C240 Nickel powder and porous nickel metal, other than those specified in 0C005, as follows: a. Nickel powder having both of the following characteristics: a.1. A nickel purity content of 99,0 % or greater by weight; and a.2. A mean particle size of less than 10 micrometres measured by American Society for Testing and Materials (ASTM) B330 standard; b. Porous nickel metal produced from materials specified in 1C240.a. Note:1C240 does not control the following: a. Filamentary nickel powders; b. Single porous nickel sheets with an area of 1000 cm <sup>2</sup> per sheet or less. Technical Note: 1C240.b. refers to porous metal formed by compacting and sintering the materials in 1C240.a. to form a metal material with fine pores interconnected throughout the structure.
2A001.a.	WA Cat 2 2.A.1.a	Bearings or bearing systems	2A001 Anti-friction bearings and bearing systems, as follows, and components therefor: Note: 2A001 does not control balls with tolerances specified by the manufacturer in accordance with ISO 3290 as grade 5 or worse. a. Ball bearings and solid roller bearings, having all tolerances specified by the manufacturer in accordance with ISO 492 Tolerance Class 4 (or ANSI/ABMA Std 20 Tolerance Class ABEC-7 or RBEC-7, or other national equivalents), or better, and having both rings and rolling elements (ISO 5593), made from monel or beryllium; Note: 2A001.a. does not control tapered roller bearings.
2A225.a.2.a.	NSG DUL 2.A.1.a.2.a.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.a. Calcium fluoride (CaF <sub>2</sub> );
2A225.a.2.b.	NSG DUL 2.A.1.a.2.b.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.b. Calcium zirconate (metazirconate) (CaZrO <sub>3</sub> );
2A225.a.2.c.	NSG DUL 2.A.1.a.2.c.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.c. Cerium sulphide (Ce <sub>2</sub> S <sub>3</sub> );
2A225.a.2.d.	NSG DUL 2.A.1.a.2.d.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.d. Erbium oxide (erbia) (Er <sub>2</sub> O <sub>3</sub> );

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
2A225.a.2.e.	NSG DUL 2.A.1.a.2.e.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.e. Hafnium oxide (hafnia) (HfO <sub>2</sub> );
2A225.a.2.f.	NSG DUL 2.A.1.a.2.f.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.f. Magnesium oxide (MgO);
2A225.a.2.g.	NSG DUL 2.A.1.a.2.g.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.g. Nitrided niobium-titanium-tungsten alloy (approximately 50 % Nb, 30 % Ti, 20 % W);
2A225.a.2.h.	NSG DUL 2.A.1.a.2.h.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.h. Yttrium oxide (yttria) (Y <sub>2</sub> O <sub>3</sub> ); or
2A225.a.2.i.	NSG DUL 2.A.1.a.2.i.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: a. Crucibles having both of the following characteristics: a.1. A volume of between 150 cm <sup>3</sup> and 8000 cm <sup>3</sup> ; and a.2. Made of or coated with any of the following materials, having a purity of 98 % or greater by weight: a.2.i. Zirconium oxide (zirconia) (ZrO <sub>2</sub> );
2A225.b.	NSG DUL 2.A.1.b.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: b. Crucibles having both of the following characteristics: b.1. A volume of between 50 cm <sup>3</sup> and 2000 cm <sup>3</sup> ; and b.2. Made of or lined with tantalum, having a purity of 99,9 % or greater by weight;
2A225.c.	NSG DUL 2.A.1.c.	Crucibles	2A225 Crucibles made of materials resistant to liquid actinide metals, as follows: c. Crucibles having all of the following characteristics: c.1. A volume of between 50 cm <sup>3</sup> and 2000 cm <sup>3</sup> ; c.2. Made of or lined with tantalum, having a purity of 98 % or greater by weight; and c.3. Coated with tantalum carbide, nitride, boride, or any combination thereof.
2A226	NSG DUL 3.A.3	Valves	2A226 Valves having all of the following characteristics: a. A 'nominal size' of 5 mm or greater; b. Having a bellows seal; and c. Wholly made of or lined with aluminium, aluminium alloy, nickel, or nickel alloy containing more than 60 % nickel by weight. Technical Note: For valves with different inlet and outlet diameters, the 'nominal size' in 2A226 refers to the smallest diameter.

**Table 2. EU Commerce Control Language**

EU Control	Regime	Controlled Commodity	Full Text
2B228.c.	NSG DUL 3.B.2.c.	Mandrels and dies	<p>2B228</p> <p>Rotor fabrication or assembly equipment, rotor straightening equipment, bellows-forming mandrels and dies, as follows:</p> <p>c. Bellows-forming mandrels and dies for producing single-convolution bellows.</p> <p>Technical Note: In 2B228.c. the bellows have all of the following characteristics:</p> <ol style="list-style-type: none"> <li>1. Inside diameter between 75 mm and 400 mm;</li> <li>2. Length equal to or greater than 12,7 mm;</li> <li>3. Single convolution depth greater than 2 mm; and</li> <li>4. Made of high-strength aluminium alloys, maraging steel or high strength "fibrous or filamentary materials".</li> </ol>
2B230.a.	NSG DUL 3.A.7	Pressure sensors	<p>2B230</p> <p>"Pressure transducers" capable of measuring absolute pressures at any point in the range 0 to 13 kPa and having both of the following characteristics:</p> <ol style="list-style-type: none"> <li>a. Pressure sensing elements made of or protected by aluminium, aluminium alloy, nickel or nickel alloy with more than 60 % nickel by weight; and</li> <li>b. Having either of the following characteristics: <ol style="list-style-type: none"> <li>b.1. A full scale of less than 13 kPa and an 'accuracy' of better than <math>\pm 1</math> % of full-scale; or</li> <li>b.2. A full scale of 13 kPa or greater and an 'accuracy' of better than <math>\pm 130</math> Pa.</li> </ol> </li> </ol> <p>Technical Note: For the purposes of 2B230, 'accuracy' includes non-linearity, hysteresis and repeatability at ambient temperature.</p>
2B350.a.	AG DU Chem I.1	Reaction vessels	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <ol style="list-style-type: none"> <li>a. Reaction vessels or reactors, with or without agitators, with total internal (geometric) volume greater than 0,1 m<sup>3</sup> (100 litres) and less than 20 m<sup>3</sup> (20000 litres), where all surfaces that come in direct contact with the chemical(s) being processed or contained are made from any of the following materials: <ol style="list-style-type: none"> <li>1. Alloys with more than 25 % nickel and 20 % chromium by weight;</li> <li>a.2. Fluoropolymers;</li> <li>a.3. Glass (including vitrified or enamelled coating or glass lining);</li> <li>a.4. Nickel or alloys with more than 40 % nickel by weight;</li> <li>a.5. Tantalum or tantalum alloys;</li> <li>a.6. Titanium or titanium alloys;</li> <li>a.7. Zirconium or zirconium alloys; or</li> <li>a.8. Niobium (columbium) or niobium alloys;</li> </ol> </li> </ol>
2B350.b.	AG DU Chem I.1	Agitators	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <ol style="list-style-type: none"> <li>b. Agitators for use in reaction vessels or reactors specified in 2B350.a.; and impellers, blades or shafts designed for such agitators, where all surfaces of the agitator that come in direct contact with the chemical(s) being processed or contained are made from any of the following materials: <ol style="list-style-type: none"> <li>b.1. Alloys with more than 25 % nickel and 20 % chromium by weight;</li> <li>b.2. Fluoropolymers;</li> <li>b.3. Glass (including vitrified or enamelled coatings or glass lining);</li> <li>b.4. Nickel or alloys with more than 40 % nickel by weight;</li> <li>b.5. Tantalum or tantalum alloys;</li> <li>b.6. Titanium or titanium alloys;</li> <li>b.7. Zirconium or zirconium alloys; or</li> <li>b.8. Niobium (columbium) or niobium alloys;</li> </ol> </li> </ol>

**Table 2. EU Commerce Control Language**

<b>EU Control</b>	<b>Regime</b>	<b>Controlled Commodity</b>	<b>Full Text</b>
2B350.c.	AG DU Chem I.2	Storage tanks	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <p>c. Storage tanks, containers or receivers with a total internal (geometric) volume greater than 0,1 m<sup>3</sup> (100 litres) where all surfaces that come in direct contact with the chemical(s) being processed or contained are made from any of the following materials:</p> <p>c.1. Alloys with more than 25 % nickel and 20 % chromium by weight;</p> <p>c.2. Fluoropolymers;</p> <p>c.3. Glass (including vitrified or enamelled coatings or glass lining);</p> <p>c.4. Nickel or alloys with more than 40 % nickel by weight;</p> <p>c.5. Tantalum or tantalum alloys;</p> <p>c.6. Titanium or titanium alloys;</p> <p>c.7. Zirconium or zirconium alloys; or</p> <p>c.8. Niobium (columbium) or niobium alloys;</p>
2B350.d.	AG DU Chem I.3	Heat exchangers	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <p>d. Heat exchangers or condensers with a heat transfer surface area greater than 0,15 m<sup>2</sup>, and less than 20 m<sup>2</sup>; and tubes, plates, coils or blocks (cores) designed for such heat exchangers or condensers, where all surfaces that come in direct contact with the chemical(s) being processed are made from any of the following materials:</p> <p>d.1. Alloys with more than 25 % nickel and 20 % chromium by weight;</p> <p>d.2. Fluoropolymers;</p> <p>d.3. Glass (including vitrified or enamelled coatings or glass lining);</p> <p>d.4. Graphite or 'carbon graphite';</p> <p>d.5. Nickel or alloys with more than 40 % nickel by weight;</p> <p>d.6. Tantalum or tantalum alloys;</p> <p>d.7. Titanium or titanium alloys;</p> <p>d.8. Zirconium or zirconium alloys;</p> <p>d.9. Silicon carbide;</p> <p>d.10. Titanium carbide; or</p> <p>d.11. Niobium (columbium) or niobium alloys;</p>
2B350.e.	AG DU Chem I.4	Distillation columns	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <p>e. Distillation or absorption columns of internal diameter greater than 0,1 m; and liquid distributors, vapour distributors or liquid collectors designed for such distillation or absorption columns, where all surfaces that come in direct contact with the chemical(s) being processed are made from any of the following materials:</p> <p>e.1. Alloys with more than 25 % nickel and 20 % chromium by weight;</p> <p>e.2. Fluoropolymers;</p> <p>e.3. Glass (including vitrified or enamelled coatings or glass lining);</p> <p>e.4. Graphite or 'carbon graphite';</p> <p>e.5. Nickel or alloys with more than 40 % nickel by weight;</p> <p>e.6. Tantalum or tantalum alloys;</p> <p>e.7. Titanium or titanium alloys;</p> <p>e.8. Zirconium or zirconium alloys; or</p> <p>e.9. Niobium (columbium) or niobium alloys;</p>
2B350.f.	AG DU Chem I.5	Filling equipment	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <p>f. Remotely operated filling equipment in which all surfaces that come in direct contact with the chemical(s) being processed are made from any of the following materials:</p> <p>f.1. Alloys with more than 25 % nickel and 20 % chromium by weight; or</p> <p>f.2. Nickel or alloys with more than 40 % nickel by weight;</p>

**Table 2. EU Commerce Control Language**

<b>EU Control</b>	<b>Regime</b>	<b>Controlled Commodity</b>	<b>Full Text</b>
2B350.g.	AG DU Chem I.6	Valves	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <p>g. Valves with nominal sizes greater than 10 mm and casings (valve bodies) or preformed casing liners designed for such valves, in which all surfaces that come in direct contact with the chemical(s) being processed or contained are made from any of the following materials:</p> <p>g.1. Alloys with more than 25 % nickel and 20 % chromium by weight;</p> <p>g.2. Fluoropolymers;</p> <p>g.3. Glass (including vitrified or enamelled coatings or glass lining);</p> <p>g.4. Nickel or alloys with more than 40 % nickel by weight;</p> <p>g.5. Tantalum or tantalum alloys;</p> <p>g.6. Titanium or titanium alloys;</p> <p>g.7. Zirconium or zirconium alloys; or</p> <p>g.8. Niobium (columbium) or niobium alloys;</p> <p>g.9. Ceramic materials as follows:</p> <p>g.9.a. Silicon carbide with purity of 80 % or more by weight;</p> <p>g.9.b. Aluminium oxide (alumina) with purity of 99,9 % or more by weight;</p> <p>g.9.c. Zirconium oxide (zirconia);</p>
2B350.h.	AG DU Chem I.7	Multi-walled piping	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <p>h. Multi-walled piping incorporating a leak detection port, in which all surfaces that come in direct contact with the chemical(s) being processed or contained are made from any of the following materials:</p> <p>h.1. Alloys with more than 25 % nickel and 20 % chromium by weight;</p> <p>h.2. Fluoropolymers;</p> <p>h.3. Glass (including vitrified or enamelled coatings or glass lining);</p> <p>h.4. Graphite or 'carbon graphite';</p> <p>h.5. Nickel or alloys with more than 40 % nickel by weight;</p> <p>h.6. Tantalum or tantalum alloys;</p> <p>h.7. Titanium or titanium alloys;</p> <p>h.8. Zirconium or zirconium alloys; or</p> <p>h.9. Niobium (columbium) or niobium alloys;</p>
2B350.i.	AG DU Chem I.8	Multiple seal and seal-less pumps and vacuum pumps	<p>2B350 Chemical manufacturing facilities, equipment and components, as follows:</p> <p>i. Multiple-seal and seal-less pumps, with manufacturer's specified maximum flow-rate greater than 0,6 m<sup>3</sup>/hour, or vacuum pumps with manufacturer's specified maximum flow-rate greater than 5 m<sup>3</sup>/hour (under standard temperature (273 K (0 °C)) and pressure (101,3 kPa) conditions); and casings (pump bodies), preformed casing liners, impellers, rotors or jet pump nozzles designed for such pumps, in which all surfaces that come in direct contact with the chemical(s) being processed are made from any of the following materials:</p> <p>i.1. Alloys with more than 25 % nickel and 20 % chromium by weight;</p> <p>i.2. Ceramics;</p> <p>i.3. Ferrosilicon;</p> <p>i.4. Fluoropolymers;</p> <p>i.5. Glass (including vitrified or enamelled coatings or glass lining);</p> <p>i.6. Graphite or 'carbon graphite';</p> <p>i.7. Nickel or alloys with more than 40 % nickel by weight;</p> <p>i.8. Tantalum or tantalum alloys;</p> <p>i.9. Titanium or titanium alloys;</p> <p>i.10. Zirconium or zirconium alloys; or</p> <p>i.11. Niobium (columbium) or niobium alloys;</p>



**Table 2. EU Commerce Control Language**

<b>EU Control</b>	<b>Regime</b>	<b>Controlled Commodity</b>	<b>Full Text</b>
2B350.j.	AG DU Chem I.9	Incinerators	2B350 Chemical manufacturing facilities, equipment and components, as follows: j. Incinerators designed to destroy chemicals specified in entry 1C350, having specially designed waste supply systems, special handling facilities and an average combustion chamber temperature greater than 1273 K (1000 °C), in which all surfaces in the waste supply system that come into direct contact with the waste products are made from or lined with any of the following materials: j.1. Alloys with more than 25 % nickel and 20 % chromium by weight; j.2. Ceramics; or j.3. Nickel or alloys with more than 40 % nickel by weight.



**Table3. HS to EU Control List**

HS	EU Control
261210	0C001
261220	0C001
262091	1C230
262099	0C001
280429	1C232
280450	1C011b, 1C225
280512	1C227
280519	1C233
280530	2A225a2c
281000	1C225
281111	1C350d7
281119	1C355b1c
281210	1C350b1, 1C350c3, 1C350c4, 1C350c5, 1C350c6, 1C350c7, 1C350c8, 1C355b1a, 1C395a
281290	1C225
281390	1C350d10
281820	0C201
282520	1C233
282590	1C230
282611	1C350d1, 1C350d16, 1C350d18
282619	1C230, 1C233, 1C350d13, 1C350d14
282739	1C230, 1C233
282749	1C230
282759	1C230, 1C233
282760	1C233
282890	1C230
282990	1C230
283010	1C350d19
283220	1C230
283329	1C230, 1C233
283330	1C230
283340	1C230
283410	1C230
283429	1C230
283510	1C230
283529	1C230
283539	1C230
283691	1C233
283699	1C230
283711	1C350d17
283719	1C230, 1C350d12
283800	1C230
283990	1C230
284020	1C225, 1C230, 1C233
284030	1C230
284290	1C230
284410	0C001
284420	0C002, 1C012a, 1C236
284430	0C001, 0C002, 1A290, 1C236
284440	0C001, 1C012b, 1C229, 1C230, 1C234, 1C235, 1C236, 1C237
284450	0C002
284510	0C004
284590	0C004, 1C232
284690	2A225a2c
284910	1C007d
284920	1C007d
284990	1C007d, 1C011b, 1C225, 1C230
285000	1C007a, 1C007b, 1C007d, 1C225, 1C230, 1C233
285100	1C355b1b
290330	1C355a1a
290490	1C355b3
290519	1C350b18, 1C395a
290559	1C350d2
291419	1C350d11
291570	1C233
291819	1C350b2, 1C350d9, 1C395a
292090	1C350c1, 1C350c10, 1C350c11, 1C350c2
292111	1C350d5, 1C350d6
292119	1C350b7, 1C350b8, 1C350b9, 1C350d4, 1C395a
292213	1C350c9, 1C350d20
292219	1C350d3, 1C355a2b, 1C355a2d, 1C355a2e, 1C355b2a, 1C355b2b

**Table3. HS to EU Control List**

HS	EU Control
292520	1C011c, 1C011d
292990	1C350b5, 1C355a2c, 1C395a
293090	1C350b20, 1C350b6, 1C355a2f, 1C395a
293100	1C007e1, 1C007e2, 1C007e3, 1C225, 1C350a1, 1C350a2, 1C350a3, 1C350b10, 1C350b11, 1C350b12, 1C350b13, 1C350b14, 1C350b15, 1C350b16, 1C350b17, 1C350b3, 1C350b4, 1C395a
293332	1C350d8
293339	1C350d15
293399	1C350b19, 1C395a
300220	1C991
300230	1C991
300290	1C351a1, 1C351a10, 1C351a12, 1C351a13, 1C351a14, 1C351a15, 1C351a16, 1C351a17, 1C351a18, 1C351a19, 1C351a2, 1C351a20, 1C351a21, 1C351a22, 1C351a23, 1C351a24, 1C351a25, 1C351a26, 1C351a27, 1C351a28, 1C351a29, 1C351a3, 1C351a30, 1C351a31, 1C351a32, 1C351a4, 1C351a5, 1C351a6, 1C351a7, 1C351a8, 1C351a9, 1C351b1, 1C351b2, 1C351b3, 1C351b4, 1C351c1, 1C351c10, 1C351c11, 1C351c12, 1C351c13, 1C351c14, 1C351c15, 1C351c2, 1C351c3, 1C351c4, 1C351c5, 1C351c6, 1C351c7, 1C351c8, 1C351c9, 1C351d1, 1C351d10, 1C351d11, 1C351d12, 1C351d13, 1C351d14, 1C351d15, 1C351d16, 1C351d17, 1C351d18, 1C351d19, 1C351d2, 1C351d3, 1C351d4, 1C351d5, 1C351d6, 1C351d7, 1C351d8, 1C351d9, 1C352a1, 1C352a10, 1C352a11, 1C352a12, 1C352a13, 1C352a14, 1C352a15, 1C352a16, 1C352a17, 1C352a2, 1C352a3, 1C352a4, 1C352a5, 1C352a6, 1C352a7, 1C352a8, 1C352a9, 1C352b, 1C352b1, 1C353a, 1C354a, 1C354a1, 1C354a2, 1C354b1, 1C354b2, 1C354b3, 1C354b4, 1C354b5, 1C354b6, 1C991
360300	3A229a, 3A232a, 3A232b
370590	3B001g, 3B001h
370790	3C002
380110	0C005
381511	1C002a1, 1C002b1
381512	1A225
381519	1A225
381590	0B004b2b, 1A225, 1A226
381800	3C001
382430	1C007d
390461	0C201
390730	1A002
390940	1A002
391400	0B001f1
392510	2B350a, 2B350c
392620	2B352f1
401511	2B352f1
401519	2B352f1
401590	2B352f1
470691	1A002
540210	1C210a
540241	1C210a
540410	1C210a
550110	1C210a
550310	1C210a
550610	1C210a
550911	1C210a
550912	1C210a
590900	1A202
621133	2B352f1
621143	2B352f1
681510	1A202, 1C107a, 1C107b, 1C210a, 1C210c, 2B350h
681599	1A202
690100	1C007c
690220	1C007c, 1C007f
690290	1C007c
690310	1C007c, 2A225a
690320	1C007c, 1C007f, 2A225a
690390	1C007c, 2A225a, 2A225a2a, 2A225a2b, 2A225a2d, 2A225a2e, 2A225a2f, 2A225a2h, 2A225a2i
690911	2B350i2
690912	2B350i2
690919	1C007c, 2A225a, 2A225a2a, 2A225a2b, 2A225a2d, 2A225a2e, 2A225a2f, 2A225a2h, 2A225a2i, 2B350i2
690990	2B350i2
691490	1C007c, 1C107c
700239	1A202
701690	1A227
701912	1C210b, 1C210c
701919	1C210b, 1C210c
701990	1C210b, 1C210c
702000	2B350a, 2B350a3, 2B350b, 2B350b3, 2B350c, 2B350c3, 2B350d3, 2B350e3, 2B350g, 2B350h, 2B350i5
711510	1A225

**Table3. HS to EU Control List**

HS	EU Control
711590	1A225
720260	2B350a4, 2B350b4, 2B350c4, 2B350d4, 2B350e5, 2B350f2, 2B350g4, 2B350h5, 2B350i7, 2B350j3
720293	2B350h9
720299	1C225, 1C234
721810	1C118
721891	1C118, 1C216
721899	1C216
721911	1C216
721912	1C116, 1C216
721913	1C116, 1C118, 1C216
721914	1C116, 1C118, 1C216
721921	1C116, 1C216
721923	1C116, 1C118, 1C216
721924	1C116, 1C118, 1C216
721931	1C116, 1C216
721932	1C116, 1C118, 1C216
721933	1C116, 1C118, 1C216
721934	1C118, 1C216
721935	1C116, 1C118, 1C216
721990	1C116, 1C118, 1C216
722011	1C116, 1C216
722012	1C116, 1C216
722020	1C116, 1C216
722090	1C116, 1C216
722211	1C216
722219	1C118, 1C216
722220	1C118, 1C216
722230	1C118, 1C216
722240	1C216
722410	1C116, 1C216
722490	1C116, 1C216
722530	1C116, 1C216
722540	1C116, 1C216
722550	1C116, 1C216
722590	1C116, 1C216
722599	1C116, 1C216
722691	1C116, 1C216
722692	1C116, 1C216
722699	1C116, 1C216
722810	1C216
722830	1C116, 1C216
722840	1C116, 1C216
722850	1C116, 1C216
722860	1C216
722870	1C216
722880	1C216
730410	1C116, 1C216
730420	1C116, 1C216
730421	1C116, 1C216
730429	1C116, 1C216
730441	1C116, 1C118, 2B350h1
730449	1C116, 1C118, 2B350h1
730451	1C116, 1C216, 2B350h1
730459	1C116, 1C216, 2B350h1
730490	1C116, 1C216
730520	2B350g, 2B350g1, 2B350g4, 2B350g5, 2B350g6, 2B350g7, 2B350g8
730620	2B350g, 2B350g1, 2B350g4, 2B350g5, 2B350g6, 2B350g7, 2B350g8
730630	1C216
730640	1C116, 1C118, 1C216, 2B350h1
730650	2B350h1
730660	1C116, 1C216, 2B350h1
730690	1C116, 2B350h1
730900	0B006b, 0B006e, 2B350a1, 2B350a2, 2B350a3, 2B350a4, 2B350a5, 2B350a6, 2B350a7, 2B350a8, 2B350c, 2B350c1, 2B350c2, 2B350c3, 2B350c4, 2B350c5, 2B350c6, 2B350c7, 2B350c8, 2B352b
731000	2B352b
731010	0B006b, 0B006e, 2B350a, 2B350a1, 2B350a2, 2B350a5, 2B350a6, 2B350a7, 2B350a8, 2B350c, 2B350c1, 2B350c2, 2B350c3, 2B350c4, 2B350c5, 2B350c6, 2B350c7, 2B350c8
731029	0B006b, 0B006e, 2B350a, 2B350c
731100	0B001b4
732690	2A291d

**Table3. HS to EU Control List**

HS	EU Control
741210	2A292
741220	2A292
750220	1C002a1, 1C002b1
750300	0C006a, 0C006b, 1C002a1, 1C002b1, 1C240, 2B350a4, 2B350b4, 2B350c4, 2B350d4, 2B350e5, 2B350f2, 2B350g4, 2B350h5, 2B350i7, 2B350j3
750400	0C006a, 1C002a1, 1C002b1, 1C002c1a, 1C002d, 1C240
750511	0C006b, 1C240, 2B350h5
750512	1C002a1, 1C002b1, 2B350h5
750522	1C002a1, 1C002b1
750610	0C006b, 1C240
750620	1C002a1, 1C002b1
750711	0C006b, 1C240, 2B350h, 2B350h1, 2B350h5
750712	1C002a1, 1C002b1, 2B350h, 2B350h1, 2B350h5
750720	0C006b, 1C002a1, 1C002b1, 1C240, 2B350h5
750810	1C002a1, 1C002b1
750890	0C006b, 1C002a1, 1C002b1, 1C240, 2B350a, 2B350a4, 2B350b, 2B350c, 2B350c4, 2B350g, 2B350h5
760120	1C002b4, 1C202a
760200	1C002b4
760310	1C002c1d, 1C111A1
760320	1C002c1d, 1C002d
760421	1C002b4, 1C202a
760429	1C002b4, 1C002d, 1C202a
760521	1C002b4
760529	1C002b4
760612	1C002b4
760692	1C002b4
760810	1C202a
760820	1C202a
761010	1C202a
761090	1C202a
761290	1C202a
761300	0B001b4
761690	1C202a
761699	1C202a
810110	1C117
810191	1C226
810192	1C226
810199	1C226
810210	1C117
810320	2B350a5, 2B350b5, 2B350c5, 2B350d5, 2B350e6, 2B350g5, 2B350h6, 2B350i8
810330	2B350a5, 2B350b5, 2B350c5, 2B350d5, 2B350e6, 2B350g5, 2B350h6, 2B350i8
810390	2A225b, 2A225c, 2B350a5, 2B350b5, 2B350c5, 2B350d5, 2B350e6, 2B350g, 2B350g5, 2B350h, 2B350h6, 2B350i8
810411	1C002b5, 1C228
810419	1C002b5, 1C011a, 1C228
810420	1C002b5, 1C228
810430	1C002b5, 1C002c1e, 1C002d, 1C011a, 1C228
810490	1C002b5, 1C228
810600	1C229
810810	1C202b
810820	1C002a2, 1C002b3, 1C002c1c, 1C002d, 1C202b, 2B350a6, 2B350b6, 2B350c6, 2B350d6, 2B350e7, 2B350g6
810830	1C002a2, 1C002b3, 2B350a6, 2B350b6, 2B350c6, 2B350d6, 2B350e7, 2B350g6, 2B350h8, 2B350i9
810890	0B006b, 0B006e, 1C002a2, 1C002b3, 1C002d, 1C202b, 2B350a, 2B350a6, 2B350b, 2B350b6, 2B350c, 2B350c6, 2B350d6, 2B350e7, 2B350g, 2B350h, 2B350h7, 2B350i9
810920	1C011a, 1C111a2, 1C234, 2B350e8
810930	1C234
810990	0A001f, 0B006b, 0B006e, 1C011a, 1C234, 2B350a, 2B350a7, 2B350b, 2B350b7, 2B350c, 2B350c7, 2B350c8, 2B350d7, 2B350e8, 2B350g, 2B350g7, 2B350h, 2B350h8, 2B350i10
811211	1C230
811212	1C230
811213	1C230
811219	1C230
811222	2B350a1, 2B350b1, 2B350c1, 2B350d1, 2B350e1, 2B350f1, 2B350g1, 2B350h1, 2B350i1, 2B350j1
811229	2B350a1, 2B350b1, 2B350c1, 2B350d1, 2B350e1, 2B350f1, 2B350g2, 2B350h1, 2B350i1, 2B350j1
811291	1C231
811292	1C002b2, 1C002c1b, 1C231
811299	1C002b2, 1C002d, 1C231, 2A225a, 2A225a2g
820730	2B228
840110	0A001a

**Table3. HS to EU Control List**

HS	EU Control
840120	0B001a1, 0B001a2, 0B001a3, 0B001a4, 0B001a5, 0B001a6, 0B001a7, 0B001a8, 0B001a9, 0B001b, 0B001b1, 0B001b2a, 0B001b2b, 0B001b3, 0B001b4, 0B001b5, 0B001c1, 0B001c10, 0B001c11, 0B001c12, 0B001c13, 0B001c2, 0B001c3, 0B001c4, 0B001c5, 0B001c6, 0B001c7, 0B001c8, 0B001c9, 0B001d1, 0B001d2, 0B001d3, 0B001d4, 0B001d5, 0B001d6, 0B001d7a, 0B001d7b, 0B001d7c, 0B001d7d, 0B001e1, 0B001e2, 0B001e3, 0B001e4, 0B001e5, 0B001e6, 0B001f2, 0B001f3, 0B001g1, 0B001g2, 0B001g3, 0B001g4, 0B001g5, 0B001h1, 0B001h2, 0B001h3, 0B001h4, 0B001h5, 0B001h5a, 0B001h6, 0B001i1, 0B001i2, 0B001i3, 0B001i4, 0B001i5, 0B001i6, 0B001j1, 0B001j2, 0B001j3, 0B001j4, 0B001j5, 0B001j6, 0B002a, 0B002b, 0B002c, 0B002d, 0B002e, 0B002f1, 0B002f2, 0B002g, 0B004a1, 0B004a2, 0B004a3, 0B004b1a, 0B004b1b, 0B004b2a, 0B004b2b, 0B004b2c, 0B004b2d, 0B004b3a, 0B004b3b, 0B004b4a, 0B004b4b, 0B004b4c, 0B004b4d, 1A226, 1B226, 1B227, 1B228, 1B229, 1B230, 1B231a, 1B231b1, 1B231b2, 1B232, 1B233a, 1B233b1, 1B233b2, 1B233b3, 1B233b4, 2A226, 3A225
840130	0C002
840140	0A001b, 0A001c, 0A001d, 0A001e, 0A001f, 0A001g, 0A001h, 0C005, 2A291d, 2A291e
840211	2A290a
840212	2A290a
840220	2A290a
840290	0A001i, 2A290a, 2B350d, 2B350d1, 2B350d11, 2B350d5, 2B350d6, 2B350d7, 2B350d8
840420	2A290a, 2B350d
840610	0A002
840681	2A290a
840682	2A290a
841111	9A001, 9A101
841112	9A001
841121	9A101
841181	9A001, 9A101
841182	9A001
841210	9A101
841290	9A106, 9A110
841350	1B230, 1B233b2, 2B3501, 2B350i1, 2B350i11, 2B350i7, 2B350i8, 2B350i9
841360	1B233b2, 2B3501, 2B350i10, 2B350i11, 2B350i7, 2B350i8, 2B350i9
841370	0A001g, 0B004b2c, 1B230, 1B233b2, 2B3501, 2B350i1, 2B350i10, 2B350i11, 2B350i7, 2B350i8, 2B350i9
841381	0A001g, 2A291d, 2A293, 2B3501, 2B350i1, 2B350i10, 2B350i11, 2B350i7, 2B350i8, 2B350i9
841382	2B3501, 2B350i10, 2B350i11, 2B350i7, 2B350i8, 2B350i9
841391	1B233b2, 2B3501, 2B350i10, 2B350i11, 2B350i7, 2B350i8, 2B350i9
841410	0B001b, 0B002f2, 2B231, 2B3501, 2B350i1, 2B350i10, 2B350i11, 2B350i7, 2B350i8, 2B350i9
841460	2B352a, 2B352f2, 2B352g
841480	0A001g, 0B001b2a, 0B001d3, 0B001h4, 0B002f2, 0B004b1b, 2B352a, 2B352g
841490	0B001b, 0B001b2b, 2B350i9, 2B352g
841780	2B350j1, 2B350j3
841861	0B001b5, 2B350d, 2B350d1, 2B350d11, 2B350d5, 2B350d6, 2B350d7, 2B350d8, 2B352c, 2B352e
841869	1B231b1, 1B232, 2B352b, 2B352e
841899	1B231b1, 2B350e1, 2B350e2, 2B350e3, 2B350e4, 2B350e5, 2B350e6, 2B350e7, 2B350e8, 2B350e9
841920	2B352e
841939	2B352b, 2B352e
841940	0B004a3, 0B004b3a, 0B004b3b, 0B004b4a, 0B004b4b, 1A226, 1B228, 2B350e, 2B350e1, 2B350e2, 2B350e3, 2B350e4, 2B350e5, 2B350e6, 2B350e7, 2B350e8, 2B350e9
841950	0A001i, 0B001b5, 0B001d5, 2B350d, 2B350d1, 2B350d10, 2B350d2, 2B350d3, 2B350d4, 2B350d5, 2B350d6, 2B350d7, 2B350d8, 2B350d9
841989	0B001e5, 0B001e6, 0B001f2, 0B002a, 0B002b, 0B002d, 0B003a, 0B003b, 0B003c, 0B003d, 0B003e, 0B003f, 0B003g, 0B003h, 0B003i, 0B004a1, 0B004b1a, 0B004b2a, 0B004b2b, 0B004b2c, 0B004b2d, 0B004b2e, 0B004b2f, 0B004b2g, 0B004b2h, 0B004b2i, 0B004b2j, 0B004b2k, 0B004b2l, 0B004b2m, 0B004b2n, 0B004b2o, 0B004b2p, 0B004b2q, 0B004b2r, 0B004b2s, 0B004b2t, 0B004b2u, 0B004b2v, 0B004b2w, 0B004b2x, 0B004b2y, 0B004b2z, 0B004b2aa, 0B004b2ab, 0B004b2ac, 0B004b2ad, 0B004b2ae, 0B004b2af, 0B004b2ag, 0B004b2ah, 0B004b2ai, 0B004b2aj, 0B004b2ak, 0B004b2al, 0B004b2am, 0B004b2an, 0B004b2ao, 0B004b2ap, 0B004b2aq, 0B004b2ar, 0B004b2as, 0B004b2at, 0B004b2au, 0B004b2av, 0B004b2aw, 0B004b2ax, 0B004b2ay, 0B004b2az, 0B004b2ba, 0B004b2bb, 0B004b2bc, 0B004b2bd, 0B004b2be, 0B004b2bf, 0B004b2bg, 0B004b2bh, 0B004b2bi, 0B004b2bj, 0B004b2bk, 0B004b2bl, 0B004b2bm, 0B004b2bn, 0B004b2bo, 0B004b2bp, 0B004b2bq, 0B004b2br, 0B004b2bs, 0B004b2bt, 0B004b2bu, 0B004b2bv, 0B004b2bw, 0B004b2bx, 0B004b2by, 0B004b2bz, 0B004b2ca, 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0B004b2mr, 0B004b2ms, 0B004b2mt, 0B004b2mu, 0B004b2mv, 0B004b2mw, 0B004b2mx, 0B004b2my, 0B004b2mz, 0B004b2na, 0B004b2nb, 0B004b2nc, 0B004b2nd, 0B004b2ne, 0B004b2nf, 0B004b2ng, 0B004b2nh, 0B004b2ni, 0B004b2nj, 0B004b2nk, 0B004b2nl, 0B004b2nm, 0B004b2nn, 0B004b2no, 0B004b2np, 0B004b2nq, 0B004b2nr, 0B004b2ns, 0B004b2nt, 0B004b2nu, 0B004b2nv, 0B004b2nw, 0B004b2nx, 0B004b2ny, 0B004b2nz, 0B004b2oa, 0B004b2ob, 0B004b2oc, 0B004b2od, 0B004b2oe, 0B004b2of, 0B004b2og, 0B004b2oh, 0B004b2oi, 0B004b2oj, 0B004b2ok, 0B004b2ol, 0B004b2om, 0B004b2on, 0B004b2oo, 0B004b2op, 0B004b2oq, 0B004b2or, 0B004b2os, 0B004b2ot, 0B004b2ou, 0B004b2ov, 0B004b2ow, 0B004b2ox, 0B004b2oy, 0B004b2oz, 0B004b2pa, 0B004b2pb, 0B004b2pc, 0B004b2pd, 0B004b2pe, 0B004b2pf, 0B004b2pg, 0B004b2ph, 0B004b2pi, 0B004b2pj, 0B004b2pk, 0B004b2pl, 0B004b2pm, 0B004b2pn, 0B004b2po, 0B004b2pp, 0B004b2pq, 0B004b2pr, 0B004b2ps, 0B004b2pt, 0B004b2pu, 0B004b2pv, 0B004b2pw, 0B004b2px, 0B004b2py, 0B004b2pz, 0B004b2qa, 0B004b2qb, 0B004b2qc, 0B004b2qd, 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842010	1B101d
842119	0B001e1, 2B122, 2B352c
842122	2B352d
842129	0B001e1, 0B001e2, 0B001e5, 0B001f2, 0B001f3, 0B006c, 0B006f, 1B233b1, 2B352d
842139	0B001b3, 0B004a2, 0B004b1a, 0B004b2a, 2B352g
842191	2B352c
842230	2B350e, 2B350e1, 2B350e11, 2B350e5, 2B350e6, 2B350e7, 2B350e8, 2B350e9, 2B350f, 2B350f1, 2B350f2
842489	2B352g
842619	2A291d
842890	0A001b, 2B007a, 2B007b, 2B007c, 2B007d, 2B207a, 2B225
843840	2B352b
845430	9B001a
845610	0B006a
845691	3B001c
845811	2B201a, 2B290
845891	2B201a, 2B290

**Table3. HS to EU Control List**

HS	EU Control
845961	2B201b
846021	2B201c
846090	2B201c
846150	0B006a
846190	0B006a
846221	2B209b, 2B228
846229	2B228
846231	0B006a
846239	0B006a
846291	2B009, 2B109a, 2B209a
846299	2B228
846620	2B228
846630	2B008c
846694	2B109b, 2B209b
847110	4A001a1, 4A001a2, 4A001b, 4A003e, 4A101a, 4A101b, 4A102
847130	4A001a1, 4A001a2, 4A001b, 4A003a
847141	4A001a1, 4A001a2, 4A001b, 4A003a, 4A003b, 4A003c, 4A004a, 4A004b, 4A101a, 4A101b
847149	4A001a1, 4A001a2, 4A001b, 4A003a, 4A003b, 4A004a, 4A004b, 4A101a, 4A101b
847150	4A001a1, 4A001a2, 4A001b, 4A003a, 4A003b, 4A004a, 4A004b, 4A101a, 4A101b
847160	4A003a, 4A004a, 4A004b
847180	4A003g, 4A004a, 4A004b, 4A101a, 4A101b
847190	4A004c, 4A101a, 4A101b
847330	4A003c
847439	2B350b1, 2B350b2, 2B350b3, 2B350b4, 2B350b5, 2B350b6, 2B350b7, 2B350b8
847950	2B007a, 2B007b, 2B007c, 2B007d, 2B207a, 2B225
847982	1B117, 2B350b, 2B350b1, 2B350b2, 2B350b3, 2B350b4, 2B350b5, 2B350b6, 2B350b7, 2B350b8
847989	1B001a, 1B001b, 1B001c, 1B001d2, 1B001d3, 1B001e, 1B101a, 1B101b, 1B101c2, 1B101c3, 1B101d, 1B201a, 1B201c, 2B228, 2B228a, 2B228b, 2B228c, 2B350a1, 2B350a2, 2B350a3, 2B350a4, 2B350a5, 2B350a6, 2B350a7, 2B350a8, 2B352b, 3B001a, 3B001e
847990	2B207b, 2B350b1, 2B350b2, 2B350b3, 2B350b4, 2B350b5, 2B350b6, 2B350b7, 2B350b8
848049	9B001b
848110	2A226, 2B350g1, 2B350g4, 2B350g5, 2B350g6, 2B350g7, 2B350g8
848120	0B001b1, 0B001d6, 2A226, 2B350g1, 2B350g4, 2B350g5, 2B350g6, 2B350g7, 2B350g8
848130	0B001b1, 0B001d6, 2A226, 2B350g, 2B350g1, 2B350g4, 2B350g40, 2B350g5, 2B350g6, 2B350g7, 2B350g8, 2B350g80
848140	2A226, 2B350g1, 2B350g4, 2B350g5, 2B350g6, 2B350g7, 2B350g8
848180	0B001b1, 0B001d6, 2A226, 2B350g1, 2B350g2, 2B350g3, 2B350g4, 2B350g5, 2B350g6, 2B350g7
848190	2A226, 2B350g1, 2B350g4, 2B350g5, 2B350g6, 2B350g7, 2B350g8
848310	2B350b1, 2B350b2, 2B350b3, 2B350b4, 2B350b5, 2B350b6, 2B350b7, 2B350b8
848330	0B001b
850164	2A290a
850239	0A002, 2A290a
850300	0B001b
850440	0B001b, 0B001c11, 0B001j5, 0B001j6, 3A001b7, 3A225, 3A226, 3A227
850590	0B001b, 3A001e3, 3A201b
850610	3A001e1
850650	3A001e1
850680	3A001e1
850780	3A001e1
851410	2B004, 2B104, 2B105, 2B204a
851420	2B226
851430	2B227a, 2B227b, 2B350j1, 2B350j3
851440	2B226
851490	1B116, 2B204b, 2B226, 2B227b
852530	6A203c
852540	6A003b1
852610	6A008, 6A108
852692	5A101
852990	6A008, 6A108, 6A203c
853110	2B351
853223	3A201a
853224	3A201a
853225	3A001e2, 3A201a
853229	3A001e2, 3A201a
853530	3A228b, 3A228c
853590	3A228b, 3A228c
853710	1B201b
854071	3A001b1
854072	3A001b1
854079	3A001b1
854089	3A228a



**Table3. HS to EU Control List**

HS	EU Control
854121	3A001b3
854129	3A001b3
854140	3A001e1, 6A005b
854150	3A001a6
854221	3A001a1, 3A001a10, 3A001a11, 3A001a12, 3A001a2, 3A001a3, 3A001a4, 3A001a7, 3A001a9, 3C001
854229	3A001a1, 3A001a10, 3A001a2, 3A001a3, 3A001a4, 3A001a5, 3A001a9, 3A101a, 3C001
854260	3A001a3, 3A001a4, 3A001a5, 3A001a9
854270	3A001a3, 3A001a9
854311	3B001b
854319	1B226, 3A201c
854320	3A229b, 3A230
854330	0B001e3, 0B001e4, 0B001e5, 0B001f3, 1B225, 1B233b3
854389	2B230, 2B232, 3A001b1, 3A001b2, 3A001b4, 3A001b5, 3A001b7, 3A001c, 3A001d, 3A001f, 3A232a, 3A232b, 6A006a, 6A006b, 6A006c, 6A006d, 6A006f, 6A006g, 6A006h
860900	2A291c, 2B350c1, 2B350c2, 2B350c3, 2B350c4, 2B350c5, 2B350c6, 2B350c7, 2B350c8
900190	6A203a1, 6A203a2
900211	6A203c
900290	6A203a1, 6A203a2
900659	6A003b2, 6A003b3, 6A003b4, 6A203a1, 6A203a2, 6A203b1, 6A203b3
900691	6A203a1, 6A203a2, 6A203b2, 6A203b4a, 6A203b4b, 6A203b4c
900711	6A003a1, 6A003a2, 6A003a3
900719	6A003a1, 6A003a2, 6A003a3, 6A003a4, 6A003a5
900791	6A003a6
901041	3B001f
901042	3B001f
901049	3B001f
901310	6A005f4
901320	6A005a1, 6A005a2a, 6A005a2b, 6A005a2c, 6A005a2d, 6A005a3, 6A005a4, 6A005a5a, 6A005a5b, 6A005a5c1, 6A005a5c2, 6A005a6, 6A005c1, 6A005c2, 6A005d, 6A205a, 6A205b, 6A205c, 6A205d, 6A205e, 6A205f
901380	6A005b, 6A005f1, 6A005f2, 6A005f3
901390	6A005e1, 6A005e2
901580	6A007a, 6A007b, 6A007c, 6A107a
901590	6A107b
901820	6A003b3, 6A003b4
902219	1B001f, 3A101b, 3A201c
902221	1C236
902229	0A001d, 1C236, 1C237, 3A231
902300	2A291b
902410	2A291d, 2B232
902480	2B232
902620	2B230, 6A102, 6A226a, 6A226b
902680	6A102
902690	2B230
902710	2B351
902750	0B004b4d, 6A102
902780	0B002g, 1C395b, 1C991, 2B351, 2B352g, 3A233a, 3A233b, 3A233c, 3A233d, 3A233e, 3A233f
902790	3A233f
903010	2A291e, 6A102
903039	2A291d
903082	3B002
903110	2B119a, 2B119b, 2B229a, 2B229b
903120	2B116, 2B120, 2B121, 2B122
903149	2B006a, 2B006c, 2B206, 6A225
903180	1B001f, 2B006b, 2B008a, 2B008b, 2B206, 2B228, 5A101, 6A102, 6A225, 9B105, 9B106
903289	0A001c, 0B006d, 2A290b, 2A291a, 2B117, 2B352g, 9B002
903290	1D390
903300	0A001c
930690	9A106, 9A110



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URL: <http://www.australiagroup.net/en/agcomcon.htm>

AG Bio Control List of Dual-Use Biological Equipment and Related Technology, April 2005

URL: <http://www.australiagroup.net/en/agcomcon.htm>

MTCR Missile Technology Control Regime (M.T.C.R.) Equipment, Software and Technology Annex, 17th November 2005

URL: <http://www.mtc.info/english/annex.html>

NSG DUL Guidelines for Transfers of Nuclear-Related Dual-Use Equipment, Materials, Software and Related Technology (INFCIRC/254, Part 2), February 2006

URL: <http://www.nuclearsuppliersgroup.org/guide.htm>

### *Export Control Classifications*

EU Control Council Regulation (EC) No 428/2009 published 5 May 2009  
List

HS The International Harmonized Commodity Description and Coding System (HS) is administered by the World Customs Organization

URL: <http://www.wcoomd.org/ie/En/en.html>

Foreign Trade Six Digit Harmonized System Codes

URL: <http://www.foreign-trade.com/reference/hscode.htm>

EU Control List Numbers against HS Codes, 2006

URL: [http://ec.europa.eu/taxation\\_customs/dds/en/newstar.htm](http://ec.europa.eu/taxation_customs/dds/en/newstar.htm)

HS Codes against Customs Procedure Codes (CPC)

URL: <http://unstats.un.org/unsd/cr/registry/regdnld.asp?Lg=1>

### *Alloy References*

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URL: <http://www.asminternational.org>