## **ASTM Volume 02.04, June 2018**

## Nonferrous Metals – Nickel, Titanium, Lead, Tin, Zinc, Zirconium, Precious, Reactive, Refractory Metals and Alloys: Materials for Thermostats, Electrical Heating and Resistance Contacts, and Connectors

**B6-13 Standard Specification for Zinc** 

B23-00(2014) Standard Specification for White Metal Bearing Alloys (Known Commercially as "Babbitt Metal")

B29-14 Standard Specification for Refined Lead

B32-08(2014) Standard Specification for Solder Metal

B39-79(2013) Standard Specification for Nickel

B63-07(2013) Standard Test Method for Resistivity of Metallically Conducting Resistance and Contact Materials

B69-16 Standard Specification for Rolled Zinc

B70-90(2013) Standard Test Method for Change of Resistance With Temperature of Metallic Materials for Electrical Heating

B76-90(2013) Standard Test Method for Accelerated Life of Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating

B77-07(2013) Standard Test Method for Thermoelectric Power of Electrical-Resistance Alloys

B78-90(2013) Standard Test Method of Accelerated Life of Iron-Chromium-Aluminum Alloys for Electrical Heating

B84-07(2013) Standard Test Method for Temperature-Resistance Constants of Alloy Wires for Precision Resistors

B86-13 Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings

B106-08(2013) Standard Test Methods for Flexivity of Thermostat Metals

B114-07(2013) Standard Test Method for Temperature-Resistance Constants of Sheet Materials for Shunts and Precision Resistors

B127-05(2014) Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip

B160-05(2014) Standard Specification for Nickel Rod and Bar

B161-05(2014) Standard Specification for Nickel Seamless Pipe and Tube

B162-99(2014) Standard Specification for Nickel Plate, Sheet, and Strip

B163-11(2017) Standard Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes

B164-03(2014) Standard Specification for Nickel-Copper Alloy Rod, Bar, and Wire

B165-05(2014) Standard Specification for Nickel-Copper Alloy (UNS N04400) Seamless Pipe and Tube

B166-11 Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696),\* Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar,

B167-11(2016) Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674)

Seamless Pipe and Tube

B168-11(2016) Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip

B223-08(2013) Standard Test Method for Modulus of Elasticity of Thermostat Metals (Cantilever Beam Method)

B237-01(2014) Standard Specification for Refined Antimony

B240-17 Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings

B265-15 Standard Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate

B267-07(2013) Standard Specification for Wire for Use In Wire-Wound Resistors

B275-14 Standard Practice for Codification of Certain Zinc, Tin and Lead Die Castings

B277-95(2012) Standard Test Method for Hardness of Electrical Contact Materials

B299-13 Standard Specification for Titanium Sponge

B327-16 Standard Specification for Master Alloys Used in Making Zinc Die Casting Alloys

B333-03(2013) Standard Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip

B335-03(2013) Standard Specification for Nickel-Molybdenum Alloy Rod

B338-17 Standard Specification for Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers

B339-12 Standard Specification for Pig Tin

B344-14 Standard Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements

 ${\tt B348-13\ Standard\ Specification\ for\ Titanium\ and\ Titanium\ Alloy\ Bars\ and\ Billets}$ 

B349/B349M-16 Standard Specification for Zirconium Sponge and Other Forms of Virgin Metal for Nuclear Application

B350/B350M-11(2016)e1 Standard Specification for Zirconium and Zirconium Alloy Ingots for Nuclear Application

B351/B351M-13 Standard Specification for Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application

B352/B352M-17 Standard Specification for Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application

B353-12(2017) Standard Specification for Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding)

B362-91(2016) Standard Test Method for Mechanical Torque Rate of Spiral Coils of Thermostat Metal

B363-14 Standard Specification for Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings

B365-12 Standard Specification for Tantalum and Tantalum Alloy Rod and Wire

B366/B366M-17 Standard Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings

B367-13(2017) Standard Specification for Titanium and Titanium Alloy Castings

B381-13 Standard Specification for Titanium and Titanium Alloy Forgings

B386-03(2011) Standard Specification for Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil

B387-10 Standard Specification for Molybdenum and Molybdenum Alloy Bar, Rod, and Wire

B388-06(2012) Standard Specification for Thermostat Metal Sheet and Strip

B389-81(2016) Standard Test Method for Thermal Deflection Rate of Spiral and Helical Coils of Thermostat Metal

B407-08a(2014) Standard Specification for Nickel-Iron-Chromium Alloy Seamless Pipe and Tube

B408-06(2016) Standard Specification for Nickel-Iron-Chromium Alloy Rod and Bar

B409-06(2016) Standard Specification for Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip

B413-97a(2017) Standard Specification for Refined Silver

B418-16a Standard Specification for Cast and Wrought Galvanic Zinc Anodes

B423-11(2016) Standard Specification for Nickel-Iron-Chromium-Molybdenum-Copper Alloy (UNS N08825, N08221, and N06845) Seamless Pipe and Tube

B424-11(2016) Standard Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Plate, Sheet, and Strip

B425-11(2017) Standard Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Rod and Bar

B434-06(2016) Standard Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242) Plate, Sheet, and Strip

B435-06(2016) Standard Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip

B440-12(2017) Standard Specification for Cadmium

B443-00(2014) Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy(UNS N06625) and Nickel-Chromium-Molybdenum-SiliconAlloy (UNS N06219) Plate, Sheet, and Strip

B444-16e1 Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube

B446-03(2014) Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650) Rod and Bar

B462-15 Standard Specification for Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service

B463-10(2016) Standard Specification for UNS N08020 Alloy Plate, Sheet, and Strip

B464/B464M-15 Standard Specification for Welded UNS N08020 Alloy Pipe

B468-10(2016) Standard Specification for Welded UNS N08020 Alloy Tubes

B472-10(2015) Standard Specification for Nickel Alloy Billets and Bars for Reforging

B473-07(2013) Standard Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire

B474/B474M-15 Standard Specification for Electric Fusion Welded Nickel and Nickel Alloy Pipe

B475-07(2013) Standard Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire

B476-01(2017) Standard Specification for General Requirements for Wrought Precious Metal Electrical Contact Materials

B477-97(2017) Standard Specification for Gold-Silver-Nickel Electrical Contact Alloy

B478-85(2016) Standard Test Method for Cross Curvature of Thermostat Metals

B493/B493M-14 Standard Specification for Zirconium and Zirconium Alloy Forgings

B494/B494M-08(2014) Standard Specification for Primary Zirconium

 ${\tt B495-10(2017)\,Standard\,Specification\,for\,Zirconium\,and\,Zirconium\,Alloy\,Ingots}$ 

B511/B511M-16 Standard Specification for Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes

B512-04(2014) Standard Specification for Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars

B514-05(2014) Standard Specification for Welded Nickel-Iron-Chromium Alloy Pipe

B515-95(2014) Standard Specification for Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes

B516-15 Standard Specification for Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06601, UNS N06603, UNS N06025, UNS N06045, UNS N06690, and UNS N06693) Tubes

B517-05(2014) Standard Specification for Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe

B521-12 Standard Specification for Tantalum and Tantalum Alloy Seamless and Welded Tubes

B522-01(2017) Standard Specification for Gold-Silver-Platinum Electrical Contact Alloy

B523/B523M-12a Standard Specification for Seamless and Welded Zirconium and Zirconium Alloy Tubes

B535-06(2017) Standard Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube

B536-07(2013) Standard Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip

B539-02(2013) Standard Test Methods for Measuring Resistance of Electrical Connections (Static Contacts)

B540-97(2017) Standard Specification for Palladium Electrical Contact Alloy

B541-01(2012) Standard Specification for Gold Electrical Contact Alloy

B542-13 Standard Terminology Relating to Electrical Contacts and Their Use

B546-04(2014) Standard Specification for Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe

B550/B550M-07(2012) Standard Specification for Zirconium and Zirconium Alloy Bar and Wire

B551/B551M-12(2017) Standard Specification for Zirconium and Zirconium Alloy Strip, Sheet, and Plate

B560-00(2014) Standard Specification for Modern Pewter Alloys

B561-94(2012) Standard Specification for Refined Platinum

B562-95(2017) Standard Specification for Refined Gold

B563-01(2017) Standard Specification for Palladium-Silver-Copper Electrical Contact Alloy

B564-17a Standard Specification for Nickel Alloy Forgings

B572-06(2016) Standard Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod

B573-06(2016) Standard Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242) Rod

B574-17 Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod

B575-17 Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip

B576-94(2016) Standard Guide for Arc Erosion Testing of Electrical Contact Materials

B581-17 Standard Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod

B582-07(2013) Standard Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip

B589-94(2017) Standard Specification for Refined Palladium

B596-89(2017) Standard Specification for Gold-Copper Alloy Electrical Contact Material

B599-92(2014) Standard Specification for Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip

B600-11(2017) Standard Guide for Descaling and Cleaning Titanium and Titanium Alloy Surfaces

B603-07(2013) Standard Specification for Drawn or Rolled Iron-Chromium-Aluminum Alloys for Electrical Heating Elements

B613-17 Standard Guide for Preparing Specifications for Miniature Brushes of Composite Materials for Sliding Electric Contacts

B614-16 Standard Practice for Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces

B615-79(2017) Standard Practice for Measuring Electrical Contact Noise in Sliding Electrical Contacts

B616-96(2012) Standard Specification for Refined Rhodium

B617-98(2016) Standard Specification for Coin Silver Electrical Contact Alloy

B619/B619M-17b Standard Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe

B620-03(2013) Standard Specification for Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip

 ${\tt B621-02(2016)\,Standard\,Specification\,for\,Nickel-Iron-Chromium-Molybdenum\,Alloy\,(UNS\,N08320)\,Rod}$ 

B622-17b Standard Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube

B625-17 Standard Specification for UNS N08925, UNS N08031, UNS N08034, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip

B626-17a Standard Specification for Welded Nickel and Nickel-Cobalt Alloy Tube

B628-98(2016) Standard Specification for Silver-Copper Eutectic Electrical Contact Alloy

B631-93(2016) Standard Specification for Silver-Tungsten Electrical Contact Materials

B637-16 Standard Specification for Precipitation-Hardening and Cold Worked Nickel Alloy Bars, Forgings, and Forging Stock for Moderate or High Temperature Service

B639-02(2013) Standard Specification for Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service

B649-17 Standard Specification for Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08034, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire

B652/B652M-10 Standard Specification for Niobium-Hafnium Alloy Ingots

B653/B653M-11(2016) Standard Specification for Seamless and Welded Zirconium and Zirconium Alloy Welding Fittings

B654/B654M-10 Standard Specification for Niobium-Hafnium Alloy Foil, Sheet, Strip, and Plate

B655/B655M-10 Standard Specification for Niobium-Hafnium Alloy Bar and Wire

B658/B658M-11(2016) Standard Specification for Seamless and Welded Zirconium and Zirconium Alloy Pipe

 ${\tt B662-94(2012)\ Standard\ Specification\ for\ Silver-Molybdenum\ Electrical\ Contact\ Material}$ 

 ${\tt B663/B663M-16\ Standard\ Specification\ for\ Silver-Tungsten\ Carbide\ Electrical\ Contact\ Material}$ 

B664-90(2012) Standard Specification for 80 % Silver-20 % Graphite Sliding Contact Material

B667-97(2014) Standard Practice for Construction and Use of a Probe for Measuring Electrical Contact Resistance

B668-14 Standard Specification for UNS N08028 and N08029 Seamless Pipe and Tube

B670-07(2013) Standard Specification for Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service

B671-81(2017) Standard Specification for Refined Iridium

 $B672-02 (2013) \ Standard \ Specification \ for \ Nickel-Iron-Chromium-Molybdenum-Columbium \ Stabilized \ Alloy \ (UNS \ N08700) \ Bar \ and \ Wirell \ Normal \ N$ 

B673-05(2016) Standard Specification for UNS N08925, UNS N08354, and UNS N08926 Welded Pipe B674-05(2016) Standard Specification for UNS N08925, UNS N08354, and UNS N08926 Welded Tube B675-02(2013) Standard Specification for UNS N08367 Welded Pipe B676-03(2014) Standard Specification for UNS N08367 Welded Tube B677-05(2016) Standard Specification for UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube B683-01(2012) Standard Specification for Pure Palladium Electrical Contact Material B684/B684M-16 Standard Specification for Platinum-Iridium Electrical Contact Materials B685-01(2012) Standard Specification for Palladium-Copper Electrical Contact Material B688-96(2014) Standard Specification for Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip B690-02(2013) Standard Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube B691-02(2013) Standard Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire B692-90(2012) Standard Specification for 75 % Silver-25 % % Graphite Sliding Contact Material B693-17 Standard Specification for Silver-Nickel Electrical Contact Materials B702-93(2015) Standard Specification for Copper-Tungsten Electrical Contact Material B704-03(2014) Standard Specification for Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes B705-17 Standard Specification for Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe B708-12 Standard Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip B709-17 Standard Specification for Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028) Plate, Sheet, and Strip B710-04(2015) Standard Specification for Nickel-Iron-Chromium-Silicon Alloy Welded Pipe B717-96(2012) Standard Specification for Refined Ruthenium

B719-00(2014) Standard Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar

and Strip

B718-00(2016) Standard Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet,

B722-06(2016) Standard Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube

B723-00(2014) Standard Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe B725-05(2014)e1 Standard Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe B726-02(2016) Standard Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube B729-05(2014) Standard Specification for Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube B730-08(2013) Standard Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube B731-96(2012) Standard Specification for 60 % Palladium-40 % Silver Electrical Contact Material B735-16 Standard Test Method for Porosity in Gold Coatings on Metal Substrates by Nitric Acid Vapor B737-10(2015) Standard Specification for Hot-Rolled and/or Cold-Finished Hafnium Rod and Wire B739-03(2013) Standard Specification for Nickel-Iron-Chromium-Silicon Alloy Welded Tube B742-90(2012) Standard Specification for Fine Silver Electrical Contact Fabricated Material B749-14 Standard Specification for Lead and Lead Alloy Strip, Sheet, and Plate Products B750-16 Standard Specification for GALFAN (Zinc-5 % Aluminum-Mischmetal) Alloy in Ingot Form for Hot-Dip Coatings B751-08(2013) Standard Specification for General Requirements for Nickel and Nickel Alloy Welded Tube B752-06(2011)e2 Standard Specification for Castings, Zirconium-Base, Corrosion Resistant, for General Application B753-07(2013) Standard Specification for Thermostat Component Alloys B755-00(2016) Standard Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Plate, Sheet, and Strip B756-00(2016) Standard Specification for Nickel-Chromium-Molybdenum-Tungsten Alloy(UNS N06110) Rod and Bar B757-00(2016) Standard Specification for Nickel-Chromium-Molybdenum-Tungsten-Alloys (UNS N06110) Welded Pipe B758-00(2016) Standard Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Welded Tube B759-00(2016) Standard Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Pipe and Tube B760-07(2013) Standard Specification for Tungsten Plate, Sheet, and Foil

B772-97(2012) Standard Guide for Specifying the Chemical Compositions for Electrical Contact Materials (Arcing and Nonarcing)

B774-00(2014) Standard Specification for Low Melting Point Alloys

B775/B775M-16 Standard Specification for General Requirements for Nickel and Nickel Alloy Welded Pipe

B776-12 Standard Specification for Hafnium and Hafnium Alloy Strip, Sheet, and Plate

B777-15 Standard Specification for Tungsten Base, High-Density Metal

B780-16 Standard Specification for 75 % Silver, 24.5 % Copper, 0.5 % Nickel Electrical Contact Alloy

B781-93a(2012) Standard Guide for Silver-Cadmium Oxide Contact Material

B792-16 Standard Specification for Zinc Alloys in Ingot Form for Slush Casting

B793-16 Standard Specification for Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds

B794-97(2015) Standard Test Method for Durability Wear Testing of Separable Electrical Connector Systems Using Electrical Resistance
Measurements

B798-95(2014) Standard Test Method for Porosity in Gold or Palladium Coatings on Metal Substrates by Gel-Bulk Electrography

B799-95(2014) Standard Test Method for Porosity in Gold and Palladium Coatings by Sulfurous Acid/Sulfur-Dioxide Vapor

B804-02(2013) Standard Specification for UNS N08367 and UNS N08926 Welded Pipe

B805-06(2017)e1 Standard Specification for Precipitation Hardening Nickel Alloys Bar and Wire

B808-10(2015) Standard Test Method for Monitoring of Atmospheric Corrosion Chambers by Quartz Crystal Microbalances

B810-01a(2017) Standard Test Method for Calibration of Atmospheric Corrosion Test Chambers by Change in Mass of Copper Coupons

B811-13(2017) Standard Specification for Wrought Zirconium Alloy Seamless Tubes for Nuclear Reactor Fuel Cladding

B812-96(2013) Standard Test Method for Resistance to Environmental Degradation of Electrical Pressure Connections Involving Aluminum and Intended for Residential Applications

B814-06(2016) Standard Specification for Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy(UNS N06920) Plate, Sheet, and Strip

B815-02(2016) Standard Specification for Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Rod

B818-03(2013) Standard Specification for Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Plate, Sheet and Strip

B825-13 Standard Test Method for Coulometric Reduction of Surface Films on Metallic Test Samples

B826-09(2015) Standard Test Method for Monitoring Atmospheric Corrosion Tests by Electrical Resistance Probes

B827-05(2014) Standard Practice for Conducting Mixed Flowing Gas (MFG) Environmental Tests

B829-04a(2017) Standard Specification for General Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube

B833-13 Standard Specification for Zinc and Zinc Alloy Wire for Thermal Spraying (Metallizing) for the Corrosion Protection of Steel

B834-17 Standard Specification for Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367), Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625), Nickel-Chromium-Iron Alloys (UNS N06600 and N06690), and Nickel-Chromium-Iron-Columbium-Molybdenum (UNS N07718) Alloy Pipe Flanges, Fittings, Valves, and Parts

B844-98(2016) Standard Guide for Silver-Tin Oxide Contact Material

B845-97(2013)e2 Standard Guide for Mixed Flowing Gas (MFG) Tests for Electrical Contacts

B852-16 Standard Specification for Continuous Galvanizing Grade (CGG) Zinc Alloys for Hot-Dip Galvanizing of Sheet Steel

B854-98(2016) Standard Guide for Measuring Electrical Contact Intermittences

B860-17 Standard Specification for Zinc Master Alloys for Use in Hot Dip Galvanizing

B861-14 Standard Specification for Titanium and Titanium Alloy Seamless Pipe

B862-14 Standard Specification for Titanium and Titanium Alloy Welded Pipe

B863-14 Standard Specification for Titanium and Titanium Alloy Wire

B865-04(2015) Standard Specification for Precipitation Hardening Nickel-Copper-Aluminum Alloy (UNS N05500) Bar, Rod, Wire, Forgings, and Forging Stock

B872-06(2016) Standard Specification for Precipitation-Hardening Nickel Alloys Plate, Sheet, and Strip

B878-97(2014) Standard Test Method for Nanosecond Event Detection for Electrical Contacts and Connectors

B880-14 Standard Specification for General Requirements for Chemical Check Analysis Limits for Nickel, Nickel Alloys and Cobalt Alloys

B884-11 Standard Specification for Niobium-Titanium Alloy Billets, Bar, and Rod for Superconducting Applications

B885-09(2015) Standard Test Method for Presence of Foreign Matter on Printed Wiring Board Contacts

B891-12 Standard Specification for Seamless and Welded Titanium and Titanium Alloy Condenser and Heat Exchanger Tubes with Enhanced Surface for Improved Heat Transfer

B892-10(2015) Standard Specification for ACuZinc5 (Zinc-Copper-Aluminum) Alloy in Ingot Form for Die Castings

B894-17 Standard Specification for ACuZinc5 (Zinc-Copper-Aluminum) Alloy Die Castings

B896-10(2015) Standard Test Methods for Evaluating Connectability Characteristics of Electrical Conductor Materials

B897-13 Standard Specification for Configuration of Zinc and Zinc Alloy Jumbo, Block, Half Block, and Slab Ingot

B898-11(2016) Standard Specification for Reactive and Refractory Metal Clad Plate

B899-16 Standard Terminology Relating to Non-ferrous Metals and Alloys

B906-02(2017) Standard Specification for General Requirements for Flat-Rolled Nickel and Nickel Alloys Plate, Sheet, and Strip

B907-16 Standard Specification for Zinc, Tin and Cadmium Base Alloys Used as Solders

B908-14 Standard Practice for the Use of Color Codes for Zinc Casting Alloy Ingot

B913-05(2015) Standard Test Method for Evaluation of Crimped Electrical Connections to 16-Gauge and Smaller Diameter Stranded and Solid Conductors

B914-13e1 Standard Practice for Color Codes on Zinc and Zinc Alloy Ingot for Use in Hot-Dip Galvanizing of Steel

B920-16 Standard Practice for Porosity in Gold and Palladium Alloy Coatings on Metal Substrates by Vapors of Sodium Hypochlorite Solution

B924-02(2017) Standard Specification for Seamless and Welded Nickel Alloy Condenser and Heat Exchanger Tubes With Integral Fins

B942-10(2015) Standard Guide for Specification and Quality Assurance for the Electrical Contact Performance of Crimped Wire Terminations

B943-16 Standard Specification for Zinc and Tin Alloy Wire Used in Thermal Spraying for Electronic Applications

B949-13 Standard Specification for General Requirements for Zinc and Zinc Alloy Products

B952/B952M-14 Standard Specification for Zinc Alloys in Ingot Form for Spin Casting

B960-13 Standard Specification for Prime Western Grade-Recycled (PWG-R) Zinc

B977-13 Standard Specification for Titanium and Titanium Ingots

B982-14e1 Standard Specification for Sampling and Sample Preparation of Lead and Lead Alloys for Optical Emission Spectrometric or ICP Analysis

 ${\tt B983-16e1}\ Standard\ Specification\ for\ Precipitation\ Hardened\ or\ Cold\ Worked,\ Seamless\ Nickel\ Alloy\ Pipe\ and\ Tube$ 

B989-14 Standard Specification for High Fluidity (HF) Zinc-Aluminum Alloy in Ingot Form for Thin Wall Die Castings

B997-16 Standard Specification for Zinc-Aluminum Alloys in Ingot Form for Hot-Dip Coatings

B1002-16 Standard Specification for Refined Indium

B1004-16 Standard Practice for Contact Performance Classification of Electrical Connection Systems

B1007-17 Standard Specification for Welded Precipitation Hardenable or Cold Worked, Nickel Alloy Tube

G2/G2M-06(2011)e1 Standard Test Method for Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C)