

B136-84(2013) Standard Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum

B137-95(2009) Standard Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum

B177/B177M-11 Standard Guide for Engineering Chromium Electroplating

B183-79(2009) Standard Practice for Preparation of Low-Carbon Steel for Electroplating

B200-85(2009) Standard Specification for Electrodeposited Coatings of Lead and Lead-Tin Alloys on Steel and Ferrous Alloys

B201-80(2009)e1 Standard Practice for Testing Chromate Coatings on Zinc and Cadmium Surfaces

B212-13 Standard Test Method for Apparent Density of Free-Flowing Metal Powders Using the Hall Flowmeter Funnel

B213-13 Standard Test Methods for Flow Rate of Metal Powders Using the Hall Flowmeter Funnel

B214-07(2011) Standard Test Method for Sieve Analysis of Metal Powders

B215-10 Standard Practices for Sampling Metal Powders

B242-99(2009) Standard Guide for Preparation of High-Carbon Steel for Electroplating

B243-13 Standard Terminology of Powder Metallurgy

B244-09 Standard Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments

B252-92(2009) Standard Guide for Preparation of Zinc Alloy Die Castings for Electroplating and Conversion Coatings

B253-11 Standard Guide for Preparation of Aluminum Alloys for Electroplating

B254-92(2009) Standard Practice for Preparation of and Electroplating on Stainless Steel

B276-05(2010) Standard Test Method for Apparent Porosity in Cemented Carbides

B281-88(2013) Standard Practice for Preparation of Copper and Copper-Base Alloys for Electroplating and Conversion Coatings

B294-10 Standard Test Method for Hardness Testing of Cemented Carbides

B311-13 Standard Test Method for Density of Powder Metallurgy (PM) Materials Containing Less Than Two Percent Porosity

B312-09 Standard Test Method for Green Strength of Specimens Compacted from Metal Powders

B319-91(2009) Standard Guide for Preparation of Lead and Lead Alloys for Electroplating

B320-60(2013) Standard Practice for Preparation of Iron Castings for Electroplating

B322-99(2009) Standard Guide for Cleaning Metals Prior to Electroplating

B329-06(2012) Standard Test Method for Apparent Density of Metal Powders and Compounds Using the Scott Volumeter

B330-12 Standard Test Method for Estimating Average Particle Size of Metal Powders and Related Compounds Using Air Permeability

B331-10 Standard Test Method for Compressibility of Metal Powders in Uniaxial Compaction

B343-92a(2009) Standard Practice for Preparation of Nickel for Electroplating with Nickel

B368-09 Standard Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)

B374-06(2011) Standard Terminology Relating to Electroplating

B387-95(2013) Standard Test Method for Corrosion Testing of Decorative Electrodeposited Coatings by the Corrodokote Procedure

B406-96(2010) Standard Test Method for Transverse Rupture Strength of Cemented Carbides

B417-13 Standard Test Method for Apparent Density of Non-Free-Flowing Metal Powders Using the Carney Funnel

B438-13 Standard Specification for Bronze-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated)

B439-12 Standard Specification for Iron-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated)

B449-93(2010)e1 Standard Specification for Chromates on Aluminum

B456-11e1 Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium

B457-67(2013) Standard Test Method for Measurement of Impedance of Anodic Coatings on Aluminum

B480-88(2010) Standard Guide for Preparation of Magnesium and Magnesium Alloys for Electroplating

B481-68(2013) Standard Practice for Preparation of Titanium and Titanium Alloys for Electroplating

B482-85(2013) Standard Practice for Preparation of Tungsten and Tungsten Alloys for Electroplating

B487-85(2013) Standard Test Method for Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of Cross Section

B488-11 Standard Specification for Electrodeposited Coatings of Gold for Engineering Uses

B489-85(2013) Standard Practice for Bend Test for Ductility of Electrodeposited and Autocatalytically Deposited Metal Coatings on Metals

B490-09 Standard Practice for Micrometer Bend Test for Ductility of Electrodeposits

B499-09 Standard Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals

B504-90(2011) Standard Test Method for Measurement of Thickness of Metallic Coatings by the Coulometric Method

B507-86(2008)e1 Standard Practice for Design of Articles to Be Electroplated on Racks

B527-06 Standard Test Method for Determination of Tap Density of Metallic Powders and Compounds

B528-12 Standard Test Method for Transverse Rupture Strength of Powder Metallurgy (PM) Specimens

B530-09 Standard Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Electrodeposited Nickel Coatings on Magnetic and Nonmagnetic Substrates

B532-85(2007) Standard Specification for Appearance of Electroplated Plastic Surfaces

B533-85(2013) Standard Test Method for Peel Strength of Metal Electroplated Plastics

B537-70(2013) Standard Practice for Rating of Electroplated Panels Subjected to Atmospheric Exposure

B545-13 Standard Specification for Electrodeposited Coatings of Tin

B555-86(2013) Standard Guide for Measurement of Electrodeposited Metallic Coating Thicknesses by Dropping Test

B556-90(2013) Standard Guide for Measurement of Thin Chromium Coatings by Spot Test

B558-79(2013) Standard Practice for Preparation of Nickel Alloys for Electroplating

B567-98(2009a) Standard Test Method for Measurement of Coating Thickness by the Beta Backscatter Method

B568-98(2009) Standard Test Method for Measurement of Coating Thickness by X-Ray Spectrometry

B571-97(2013) Standard Practice for Qualitative Adhesion Testing of Metallic Coatings

B578-87(2009) Standard Test Method for Microhardness of Electroplated Coatings

B579-73(2009) Standard Specification for Electrodeposited Coatings of Tin-Lead Alloy (Solder Plate)

B580-09(2009) Standard Specification for Anodic Oxide Coatings on Aluminum

B588-88(2010) Standard Test Method for Measurement of Thickness of Transparent or Opaque Coatings by Double-Beam Interference Microscope Technique

B595-11 Standard Specification for Sintered Aluminum Structural Parts

B602-88(2010) Standard Test Method for Attribute Sampling of Metallic and Inorganic Coatings

B604-91(2008) Standard Specification for Decorative Electroplated Coatings of Copper Plus Nickel Plus Chromium on Plastics

B605-95a(2009) Standard Specification for Electrodeposited Coatings of Tin-Nickel Alloy

B607-91(2009) Standard Specification for Autocatalytic Nickel Boron Coatings for Engineering Use

B610-13 Standard Test Method for Measuring Dimensional Changes Associated with Processing Metal Powders

B629-77(2013) Standard Practice for Preparation of Molybdenum and Molybdenum Alloys for Electroplating

B630-88(2010) Standard Practice for Preparation of Chromium for Electroplating with Chromium

B633-13 Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel

B634-88(2009) Standard Specification for Electrodeposited Coatings of Rhodium for Engineering Use

B635-00(2009) Standard Specification for Coatings of Cadmium-Tin Mechanically Deposited

B636-84(2010) Standard Test Method for Measurement of Internal Stress of Plated Metallic Coatings with the Spiral Contractometer

B650-95(2013) Standard Specification for Electrodeposited Engineering Chromium Coatings on Ferrous Substrates

B651-83(2010) Standard Test Method for Measurement of Corrosion Sites in Nickel Plus Chromium or Copper Plus Nickel Plus Chromium Electroplated Surfaces with Double-Beam Interference Microscope

B657-11 Guide for Metallographic Identification of Microstructure in Cemented Carbides

B659-90(2008)e1 Standard Guide for Measuring Thickness of Metallic and Inorganic Coatings

B665-08(2012) Standard Guide for Metallographic Sample Preparation of Cemented Tungsten Carbides

B678-86(2011) Standard Test Method for Solderability of Metallic-Coated Products

B679-98(2009) Standard Specification for Electrodeposited Coatings of Palladium for Engineering Use

B680-80(2009) Standard Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution

B689-97(2013) Standard Specification for Electroplated Engineering Nickel Coatings

B695-04(2009) Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel

B696-00(2009) Standard Specification for Coatings of Cadmium Mechanically Deposited

B697-88(2010) Standard Guide for Selection of Sampling Plans for Inspection of Electrodeposited Metallic and Inorganic Coatings

B699-86(2008) Standard Specification for Coatings of Cadmium Vacuum-Deposited on Iron and Steel

B700-08 Standard Specification for Electrodeposited Coatings of Silver for Engineering Use

B703-10 Standard Test Method for Apparent Density of Metal Powders and Related Compounds Using the Arnold Meter

B727-04(2009) Standard Practice for Preparation of Plastics Materials for Electroplating

B733-04(2009) Standard Specification for Autocatalytic (Electroless) Nickel-Phosphorus Coatings on Metal

B734-97(2013) Standard Specification for Electrodeposited Copper for Engineering Uses

B748-90(2010) Standard Test Method for Measurement of Thickness of Metallic Coatings by Measurement of Cross Section with a Scanning Electron Microscope

B761-06(2011) Standard Test Method for Particle Size Distribution of Metal Powders and Related Compounds by X-Ray Monitoring of Gravity Sedimentation

B762-90(2010) Standard Test Method of Variables Sampling of Metallic and Inorganic Coatings

B764-04(2009) Standard Test Method for Simultaneous Thickness and Electrode Potential Determination of Individual Layers in Multilayer Nickel Deposit (STEP Test)

B765-03(2013) Standard Guide for Selection of Porosity and Gross Defect Tests for Electrodeposits and Related Metallic

## Coatings

B766-86(2008) Standard Specification for Electrodeposited Coatings of Cadmium

B767-88(2010) Standard Guide for Determining Mass Per Unit Area of Electrodeposited and Related Coatings by Gravimetric and Other Chemical Analysis Procedures

B771-11e1 Standard Test Method for Short Rod Fracture Toughness of Cemented Carbides

B783-13 Standard Specification for Materials for Ferrous Powder Metallurgy (PM) Structural Parts

B795-13 Standard Test Method for Determining the Percentage of Alloyed or Unalloyed Iron Contamination Present in Powder Forged (PF) Steel Materials

B796-07 Standard Test Method for Nonmetallic Inclusion Content of Powders Intended for Powder Forging (PF) Applications

B797-93(2007) Standard Test Method for Surface Finger Oxide Penetration Depth and Presence of Interparticle Oxide Networks in Powder Forged (P/F) Steel Parts

B809-95(2013) Standard Test Method for Porosity in Metallic Coatings by Humid Sulfur Vapor ("Flowers of-Sulfur")

B816-00(2009) Standard Specification for Coatings of Cadmium-Zinc Mechanically Deposited

B821-10 Standard Guide for Liquid Dispersion of Metal Powders and Related Compounds for Particle Size Analysis

B822-10 Standard Test Method for Particle Size Distribution of Metal Powders and Related Compounds by Light Scattering

B823-09 Standard Specification for Materials for Copper Base Powder Metallurgy (PM) Structural Parts

B832-93(2013) Standard Guide for Electroforming with Nickel and Copper

B839-04(2009) Standard Test Method for Residual Embrittlement in Metallic Coated, Externally Threaded Articles, Fasteners, and Rod—Inclined Wedge Method

B840-99(2009) Standard Specification for Electrodeposited Coatings for Zinc Cobalt Alloy Deposits

B841-99(2010) Standard Specification for Electrodeposited Coatings for Zinc Nickel Alloy Deposits

B842-99(2011) Standard Specification for Electrodeposited Coatings for Zinc Iron Alloy Deposits

B848-10 Specification for Powder Forged (P/F) Ferrous Materials

B849-02(2013) Standard Specification for Pre-Treatments of Iron or Steel for Reducing Risk of Hydrogen Embrittlement

B850-98(2009) Standard Guide for Post-Coating Treatments of Steel for Reducing the Risk of Hydrogen Embrittlement

B851-04(2009) Standard Specification for Automated Controlled Shot Peening of Metallic Articles Prior to Nickel, Autocatalytic Nickel, or Chromium Plating, or as Final Finish

B853-12 Standard Specification for Powder Metallurgy (PM) Boron Stainless Steel Structural Components

B855-11 Standard Test Method for Volumetric Flow Rate of Metal Powders Using the Arnold Meter and Hall Flowmeter Funnel

B859-13 Standard Practice for De-Agglomeration of Refractory Metal Powders and Their Compounds Prior to Particle Size Analysis

B866-95(2013) Standard Test Method for Gross Defects and Mechanical Damage in Metallic Coatings by Polysulfide Immersion

B867-95(2013) Standard Specification for Electrodeposited Coatings of Palladium-Nickel for Engineering Use

B872-07 Standard Test Method for Measuring Volume of Apparent Density Cup Used in Test Methods B212, B329, and B411

B874-96(2013) Standard Specification for Chromium Diffusion Coating Applied by Pack Cementation Process

B875-96(2013) Standard Specification for Aluminum Diffusion Coating Applied by Pack Cementation Process

B877-96(2013) Standard Test Method for Gross Defects and Mechanical Damage in Metallic Coatings by the

Phosphomolybdic Acid (PMA) Method

B879-97(2013) Standard Practice for Applying Non-Electrolytic Conversion Coatings on Magnesium and Magnesium Alloys

B883-10e1 Standard Specification for Metal Injection Molding (MIM) Ferrous Materials

B886-12 Standard Test Method for Determination of Magnetic Saturation (Ms) of Cemented Carbides

B887-12 Standard Test Method for Determination of Coercivity (Hcs) of Cemented Carbides

B890-07(2012) Standard Test Method for Determination of Metallic Constituents of Tungsten Alloys and Tungsten Hardmetals by X-Ray Fluorescence Spectrometry

B893-98(2013) Standard Specification for Hard-Coat Anodizing of Magnesium for Engineering Applications

B895-05(2010)e1 Standard Test Methods for Evaluating the Corrosion Resistance of Stainless Steel Powder Metallurgy (PM) Parts/Specimens by Immersion in a Sodium Chloride Solution

B904-00(2009) Standard Specification for Autocatalytic Nickel over Autocatalytic Copper for Electromagnetic Interference Shielding

B905-00(2010) Standard Test Methods for Assessing the Adhesion of Metallic and Inorganic Coatings by the Mechanized Tape Test

B912-02(2013) Standard Specification for Passivation of Stainless Steels Using Electropolishing

B915-01(2013) Standard Test Method for Measuring Static Heat Resistance of Self-Cleaning Oven Coating

B916-01(2013)e1 Standard Test Method for Adherence of Porcelain Enamel Coatings on Sheet Metal

B921-08(2013) Standard Specification for Non-hexavalent Chromium Conversion Coatings on Aluminum and Aluminum Alloys

B922-10 Standard Test Method for Metal Powder Specific Surface Area by Physical Adsorption

B923-10 Standard Test Method for Metal Powder Skeletal Density by Helium or Nitrogen Pycnometry

B925-08 Standard Practices for Production and Preparation of Powder Metallurgy (PM) Test Specimens

B930-03(2012) Standard Test Method for Rating Grain Size and Frequency of Abnormally Large Grains in Cemented Tungsten Carbides (Hardmetals)

B931-09 Standard Test Method for Metallographically Estimating the Observed Case Depth of Ferrous Powder Metallurgy (P/M) Parts

B933-09 Standard Test Method for Microindentation Hardness of Powder Metallurgy (P/M) Materials

B934-10 Standard Test Method for Effective Case Depth of Ferrous Powder Metallurgy (P/M) Parts Using Microindentation Hardness Measurements

B935-05(2009)e1 Standard Guide for Steam Treatment of Ferrous Powder Metallurgy (P/M) Materials

B939-09 Standard Test Method for Radial Crushing Strength, K, of Powder Metallurgy (P/M) Bearings and Structural Materials

B940-05(2009)e1 Standard Practice for Testing Non-Chromate Coatings on Zinc and Cadmium Surfaces

B946-11 Standard Test Method for Surface Finish of Powder Metallurgy (P/M) Products

B962-13 Standard Test Methods for Density of Compacted or Sintered Powder Metallurgy (PM) Products Using Archimedes' Principle

B963-13 Standard Test Methods for Oil Content, Oil-Impregnation Efficiency, and Interconnected Porosity of Sintered Powder Metallurgy (PM) Products Using Archimedes' Principle

B964-09 Standard Test Methods for Flow Rate of Metal Powders Using the Carney Funnel

B966-10 Standard Test Method for Permeability of Powder Metallurgy (PM) Bearings Using Nitrogen Gas

B970-09 Standard Test Method for Cleanliness of Powder Metallurgy (PM) Bearings and Structural Parts

B984-12 Standard Specification for Electrodeposited Coatings of Palladium-Cobalt Alloy for Engineering Use

B988-13 Standard Specification for Powder Metallurgy (PM) Titanium and Titanium Alloy Structural Components

C282-10 Standard Test Method for Acid Resistance of Porcelain Enamels (Citric Acid Spot Test)

C283-13 Standard Test Methods for Resistance of Porcelain Enameled Utensils to Boiling Acid

C285-10 Standard Test Methods for Sieve Analysis of Wet-Milled and Dry-Milled Porcelain Enamel

C286-99(2009) Standard Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems

C346-87(2009) Standard Test Method for 45-deg Specular Gloss of Ceramic Materials

C374-70(2009) Standard Test Methods for Fusion Flow of Porcelain Enamel Frits (Flow-Button Methods)

C375-58(2011)e1 Standard Classification of Water Used in Milling of Porcelain Enamel

C385-58(2009) Standard Test Method for Thermal Shock Resistance of Porcelain-Enameled Utensils

C448-88(2011)e1 Standard Test Methods for Abrasion Resistance of Porcelain Enamels

C536-83(2009) Standard Test Method for Continuity of Coatings in Glassed Steel Equipment by Electrical Testing

C537-87(2009) Standard Test Method for Reliability of Glass Coatings on Glassed Steel Reaction Equipment by High Voltage

C538-83(2009) Standard Test Method for Color Retention of Red, Orange, and Yellow Porcelain Enamels

C539-84(2011) Standard Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and Ceramic Whiteware Materials by Interferometric Method

C614-10(2011)e1 Standard Test Method for Alkali Resistance of Porcelain Enamels

C632-88(2011)e1 Standard Test Method for Reboiling Tendency of Sheet Steel for Porcelain Enameling

C633-13 Standard Test Method for Adhesion or Cohesion Strength of Thermal Spray Coatings

C660-81(2010) Standard Practices for Production and Preparation of Gray Iron Castings for Porcelain Enameling

C664-10 Standard Test Methods for Thickness of Diffusion Coating

C694-90a(2011)e1 Standard Test Method for Weight Loss (Mass Loss) of Sheet Steel During Immersion in Sulfuric Acid Solution

C703-72(2011)e1 Standard Test Methods for Spalling Resistance of Porcelain Enameled Aluminum

C715-90(2011)e1 Standard Test Method for Nickel on Steel for Porcelain Enameling by Photometric Analysis

C743-87(2009) Standard Test Method for Continuity of Porcelain Enamel Coatings

C756-87(2011)e1 Standard Test Method for Cleanability of Surface Finishes

C774-88(2011)e1 Standard Test Method for Yield Strength of Enameling Steels After Straining and Firing

C810-90(2011)e1 Standard Test Method for Nickel on Steel for Porcelain Enameling by X-Ray Emission Spectrometry

C839-82(2010) Standard Test Method for Compressive Stress of Porcelain Enamels by Loaded-Beam Method

C872-10 Standard Test Method for Lead and Cadmium Release from Porcelain Enamel Surfaces

D1730-09 Standard Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting

D1731-09 Standard Practices for Preparation of Hot-Dip Aluminum Surfaces for Painting

D1732-03(2013) Standard Practices for Preparation of Magnesium Alloy Surfaces for Painting

E150-07 Standard Test Method for Loss of Mass in Hydrogen for Cobalt, Copper, Tungsten, and Iron Powders (Hydrogen Loss)

E174-10 Standard Test Method for Acid-Insoluble Content of Copper and Iron Powders

E1338-09 Guide for Identification of Metals and Alloys in Computerized Material Property Databases