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|--|---------------------------|---|
| A-A-56032 | D | Ink, Marking, Epoxy Base |
| A-A-59316 | 2-3-99, (N1 11-7-03) | Abrasive Materials for Blasting |
| Standards for Aluminum Sand and Permanent Mold Casting | 15th ED 2008 | Standards for Aluminum Sand and Permanent Mold Casting |
| Aluminum Assoc. Chemical Composition Limits for Aluminum Hardeners | 6-1-1994 | Aluminum Assoc. Chemical Composition Limits for Aluminum Hardeners |
| Designation & Chem. Comp. Limits for Alum. Alloys (Pink Sheets) | Feb. 2008 | Designation & Chemical Composition Limits for Aluminum Alloys in the Form of Castings & Ingot (Pink Sheets) |
| AMS2175 | A | Castings, classification and inspection of |
| AMS2248 | H | Chemical Check Analysis Limits (steel) |
| AMS2350 | AZ | Standards and test methods |
| AMS2360 | D | Room temperature tensile properties of castings |
| AMS2430 | N | Shot Peening, Automatic |
| AMS2610 | Sep 2003 (R/A April 2013) | Pressure Testing, Gaseous Media Pressure as Specified |
| AMS2615 | F | Pressure Testing, Hydraulic |
| AMS2635 | C | Radiographic Inspection |
| AMS2644 | F | Inspection Material, Penetrant |
| AMS2645 | H | Fluorescent penetrant inspection |
| AMS2646 | C | Contrast penetrant inspection |
| AMS2685 | E | Welding, tungsten arc, inert gas (GTAW method) |
| AMS2694 | C | In-process Welding of Castings |
| AMS2700 | E | Passivation of Corrosion Resistant Steels |
| AMS2750 | E | Pyrometry |
| AMS2759 | E | Heat treatment of steel parts- general requirements |
| AMS2759/1 | E | Heat Treatment of Carbon and Low-Alloy Steel Parts Minimum Tensile Strength Below 220 ksi (1517 Mpa) |
| AMS2759/3 | | Heat Treatment of Precipitation Hardening Corrosion Resistant and Maraging Steel Parts |
| AMS2759/4 | C | Heat Treatment Austenitic Corrosion-Resistant Steel Parts |
| AMS2759/5 | D | Heat Treatment Martensitic Corrosion-Resistant Steel Parts |
| AMS2770 | H | Heat Treatment of Wrought Aluminum Alloy Parts |
| AMS2771 | F | Heat Treatment of Aluminum Alloy Castings |

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| AMS2804 | C | Identification Castings |
| AMS2815 | U | Identification - Welding Wire, Line Code System |
| AMS2816 | W | Identification - Welding Wire, Tab Marking Method |
| AMS3025 | B | Polyalkylene Glycol Heat Treat Quenchant |
| AMS4190 | K | Aluminum Alloy, Welding Wire 5.2Si (4043) |
| AMS4191 | J (R/A 10/15) | Aluminum Alloy, Welding Wire 6.3Cu - 0.30Mn - 0.18Zr - 0.15Ti - 0.10V (2319) |
| AMS4210 | K | Aluminum Alloy, Castings 5.0Si - 1.2Cu - 0.50Mg (355.0-T51) Precipitation Heat Treated |
| AMS4212 | L | Aluminum Alloy Castings 5.0Si - 1.2Cu - 0.50Mg (355.0-T6) Solution and Precipitation Heat Treated (Composition similar to UNS A03550) |
| AMS4214 | J | Castings, Aluminum Alloy Sand 5.0Si - 1.2Cu - 0.50Mg (355.0-T71) Solution Heat Treated and Overaged |
| AMS4215 | H | Aluminum Alloy , Castings 5.0Si - 1.2Cu - 0.50Mg (C355-T6) Solution and Precipitation Heat Treated |
| AMS4217 | H | Aluminum Alloy Castings 7.0Si - 0.32Mg (356.0-T6) Solution and Precipitation Heat Treated |
| AMS4218 | J (R/A 10/15) | Aluminum Alloy Castings 7.0Si - 0.35Mg (A356.0-T6)(Formerly T6P Temper) Solution and Precipitation Heat Treated |
| AMS4219 | F (R/A 10/15) | Aluminum Alloy Castings 7.0Si - 0.55 Mg - 0.12Ti - 0.06Be (A357.0 T6) Solution and Precipitation Heat Treated |
| AMS4225 | D | Aluminum Alloy, Heat-Resistant, Castings 5.0Cu - 1.5Ni - 0.25Mn - 0.25Sb - 0.25Co - 0.20Ti - 0.20Zr (203.0-T6) Solution Heat Treated and Precipitation Heat Treated |
| AMS4226 | A | Aluminum Alloy Castings, High Strength 5.0Cu - 0.35Mn - 0.18Zr - 0.10V (224.0) Solution and Precipitation Heat Treated (Overaged) |
| AMS4229 | G | Aluminum Alloy Castings, High Strength 4.5 Cu-.70 Ag-.30 Mn-.25 Mg-.25 Ti (A201.0-T7) Solution Heat Treated and Overaged |
| AMS4235 | B | Aluminum Alloy Castings, 4.6Cu - 0.35Mn - 0.25Mg - 0.22Ti (A206.0-T71) Solution and Precipitation Heat Treated |
| AMS4236 | C | Aluminum Alloy Castings 4.6Cu - 0.35Mn - 0.25Mg - 0.22Ti (A206.0-T4) Solution Heat Treated and Naturally Aged |
| AMS4237 | B | Aluminum Alloy Castings, Sand 4.6Cu - 0.35Mn - 0.25Mg - 0.22Ti (206.0-T71) Solution Heat Treated and Naturally Aged |

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| AMS4241 | E | Aluminum Alloy Castings 7.0Si - 0.58Mg - 0.15Ti - 0.06Be (D357.0-T6) Solution and Precipitation Heat Treated Dendrite Arm Spacing (DAS) Controlled |
| AMS4245 | E | Aluminum Alloy, Welding Wire 5.0Si-1.2Cu-0.5Mg (C355.0) |
| AMS4246 | D | Aluminum Alloy, Welding Wire 7.0Si - 0.52 Mg (357) |
| AMS4249 | A | Aluminum Alloy Castings 7.0Si - 0.58Mg - 0.15Ti - 0.06Be (D357.0-T6) Solution and Precipitation Heat Treated (Requiring Fatigue and Fracture Toughness Testing) |
| AMS4260 | G | Aluminum Alloy, Investment Castings 7.0Si - 0.32Mg (356-T6) Solution and Precipitation Heat Treated |
| AMS4261 | F | Aluminum Alloy Casting, Investment 7.0Si - 0.32Mg (356-T51) Precipitation Heat Treated |
| AMS4284 | K | Aluminum Alloy Castings, Permanent Mold 7.0Si - 0.30Mg (356-T6) Solution and Precipitation Heat Treated |
| AMS4286 | F | Aluminum Alloy Castings, Permanent Mold 7.0Si - 0.32Mg (356-T51) As-Cast then Precipitation Heat Treated |
| AMS4288 | Nov 2001 (R/A 05/16) | Aluminum Alloy Castings 7.0Si - 0.58Mg - 0.15Ti (E357.0-T6) Solution and Precipitation Heat Treated |
| AMS4289 | Nov. 2001 (R/A 04/13) | Aluminum Alloy Castings, 7.0Si - 0.55Mg - 0.12Ti (F357.0-T6) Solution and Precipitation Heat Treated |
| AMS4511 | 10-1-89 | Copper-Beryllium Alloy Castings-97Cu - 2.18Be - 0.52 (Co+Ni) - 0.28Si Solution and Precipitation Heat Treated (TF00) |
| AMS4770 | K | Silver Alloy Brazing Filler Metal 50Ag - 18Cd - 16.5Zn - 15.5Cu 1160-1175F Solidus-Liquidus Range |
| AMS4772 | J | Silver Alloy Brazing Filler Metal 54Ag - 40Cu - 5.0Zn - 1.0Ni 1325-1575F Solidus-Liquidus Range |
| AMS4890 | B | Copper-Beryllium Alloy Castings- 97Cu - 2.1Be - 0.52Co - 0.28Si Solution Heat Treated (TB00) |
| AMS5330 | E W/STBL | Steel Castings, Investment 0.80Cr - 1.8Ni - 0.35Mo (0.38 - 0.46C) (SAE 4340 Modified) Annealed |
| AMS5334 | H | Steel, Investment Castings- 0.50Cr - 0.55Ni - 0.20Mo (0.25-0.35C) (SAE 8630 Mod) Normalized and Tempered |
| AMS5336 | H | Steel, Investment Castings- 0.95Cr - 0.20Mo (0.25 - 0.35C) (SAE 4130 Mod) Normalized or Normalized and Tempered |

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| AMS5339 | F | Steel, Maraging, Investment Castings 17Ni - 10Co - 4.6Mo - 0.30Ti - 0.06Al Vacuum Melted Homogenized, Overaged, and Solution Heat Treated |
| AMS5341 | C | Steel Castings, Investment, Corrosion Resistant 19.5Cr - 10.5Ni - 0.25S (Type 303) Solution Heat Treated |
| AMS5342 | E | Steel Corrosion-Resistant, Investment Castings 16Cr - 4.1Ni - 0.28Cb (Nb) - 3.2Cu Homogenization, Solution, and Precipitation Heat Treated (H1100) 130 ksi (896 MPa) Tensile Strength (17-4) |
| AMS5343 | E | Steel, Corrosion-Resistant, Investment Castings 16Cr - 4.1Ni - 0.28Cb (Nb) - 3.2Cu Homogenization, Solution and Precipitation Heat Treated (H1000) 150 ksi (1034 MPa) Tensile Strength (17-4) |
| AMS5344 | F | Steel, Corrosion-Resistant, Investment Castings 16Cr - 4.1Ni - 0.28Cb - 3.2Cu Homogenization, Solution, and Precipitation Heat Treated (H900) 180 ksi (1241 MPa) Tensile Strength (17-4) |
| AMS5346 | C | Steel, Corrosion Resistant, Investment Castings 15Cr - 4.6Ni - 0.22Cb (Nb) - 2.8Cu Solution and Precipitation Heat Treated (H925) 180 ksi (1241 MPa) Tensile Strength (15-5) |
| AMS5347 | B | Steel, Corrosion Resistant, Investment Castings 15Cr - 4.6Ni - 0.22Cb (Nb) - 2.8Cu Solution and Precipitation Heat Treated (H1000) 150 ksi (1034 MPa) Tensile Strength (15-5) |
| AMS5349 | E | Steel, Corrosion Resistant, Investment Castings, 13Cr Free Machining; Hardened and Tempered |
| AMS5350 | J | Steel, Corrosion and Moderate Heat Resistant, Investment Castings 12.5Cr (SAE 51410) Hardened and Tempered |
| AMS5352 | F | Steel, Corrosion Resistant, Investment Castings, 17Cr - 0.55Mo (0.95 - 120C) Annealed |
| AMS5354 | F | Steel, Corrosion and Heat Resistant Investment Castings, 13Cr - 2.0Ni - 3.0W Hardened and Tempered to 32-38 HCR |
| AMS5355 | J | Steel, Corrosion Resistant, Investment Castings 16Cr - 4.1Ni - 0.28Cb - 3.2Cu Homogenization and Solution Heat Treated or Homogenization, Solution, Precipitation Heat Treated |
| AMS5357 | C | Steel, Corrosion Resistant, Investment Castings 15Cr - 4.6Ni - 0.22Cb - 2.8Cu Solution Heat Treated, Precipitation Hardenable |
| AMS5358 | C | Steel Castings, Investment, Corrosion Resistant 18Cr - 9Ni Solution Heat Treated |

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| AMS5362 | L | Steel, Corrosion and Heat Resistant, Investment Castings 19Cr - 12Ni - 1.0Cb (Nb) Solution Heat Treated |
| AMS5364 | C | Steel, Corrosion, and Heat-Resistant, Investment Castings 19.5Cr - 10.5Ni - 0.65Cb (CF-8C) Solution Heat Treated |
| AMS5366 | E | Steel, Corrosion and Heat-Resistant, Investment Castings, 25Cr - 20Ni (CK-20) As-Cast |
| AMS5383 | E | Nickel Alloy, Corrosion and Heat-Resistant, Investment Castings 52.5Ni - 19Cr - 3.0Mo - 5.1Cb(Nb) - 0.90Ti - 0.60Al - 18Fe Vacuum Melted Homogenization and Solution Heat Treated |
| AMS5604 | B | Steel, Sheet ,Strip, and Plate Corrosion Resistant 16.5Cr - 4.0Ni - 4.0Cu - 0.30(Cb+Ta) Solution Heat Treated |
| AMS5629 | D | Steel, Corrosion Resistant, Bars, Forgings, Rings, and Extrusions 13Cr - 8.0Ni - 2.2Mo - 1.1Al Vacuum Induction Plus Consumable Electrode Melted Solution Heat Treated, Precipitation Hardenable |
| AMS5659 | G | Steel Bars, Wire, Forgings, Rings, and Extrusions, Corrosion Resistant 15Cr - 4.5Ni - 0.30 (Cb+Ta) - 3.5Cu Consumable Electrode Melted Solution Heat Treated, Precipitation Hardenable |
| AMS5680 | J | Steel, Corrosion and Heat-Resistant, Welding Wire 18.5Cr - 11Ni - 0.40Cb (Nb) (SAE 30347) |
| AMS5803 | F | Steel, Corrosion and Heat-Resistant, Welding Wire 16.4Cr - 4.8Ni - 0.22Cb (Nb) - 3.6Cu Consumable Electrode or Vacuum Induction Melted |
| AMS5825 | G | Steel, Corrosion-Resistant Welding Wire 16.4Cr - 4.8Ni - 0.22Cb (Nb) -3.6Cu |
| AMS7707 | 9-15-57 | Iron, Commercially Pure ,Hot Rolled, Unannealed |
| AMS7721 | 7-1-57 | Lead Alloy Sheet and Extrusions 6.5Sb - 0.5Sn |
| AMS-A-21180 | C | Aluminum-Alloy Castings, High Strength |
| AMS-H-6088C | 7-1997 | Heat Treatment of Aluminum Alloys |
| AMS-H-6875 | B | Heat Treatment of Steel Raw Materials |
| AMS-M-3171 | 4/2011 | Magnesium Alloy, Processes for Pretreatment and Prevention of Corrosion on |
| AMS-QQ-P-35 | A w/cncl 2-05 | Passivation Treatments for Corrosion-Resistant Steel |
| AMS-S-8802 | D | Sealing Compound, Temperature Resistant, Integral Fuel Tanks and Fuel Cell Cavities, High Adhesion |

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| AMS-S-13165A | 11-1997 can 12-2007 | Shot Peening of Metal Parts |
| AMS-STD-1595 | 3-1998 Can 9-2002 | Qualification of Aircraft, Missile and Aerospace Fusion Welders |
| AMS-STD-2219 | 5-1999 Canc 9-2002 | Fusion Welding for Aerospace Applications |
| ANSI/ASQ Z1.4 | 2003 Reaffirmed 2008 | Sampling Procedures & Tables for Inspection Attributes |
| ANSI/AWS A2.4 | 6th ED, 2007 | Standard Symbols for Welding, Brazing & Nondestructive Examination |
| ANSI/ISO/ASQC A8402 | 1994 | Quality Management & Quality Assurance Vocabulary |
| ANSI/NCSL Z540.1 | 1994 | Calibration Laboratories and Measuring and Test Equipment-General Requirements |
| ANSI/NCSL Z540.3 | 2006 (R2013) | Requirements for the Calibration of Measuring and Test Equipment |
| ARP1947 | B | Dendrite Arm Spacing of Structural Aircraft Quality D357 Aluminum Alloy Castings, Determination and Acceptance of |
| ARP1962 | A | Training & Approval of Heat-Treating Personnel |
| ARP4992 | B | Periodic Test for Processing Solutions |
| ARP9013 | 10/2005 | Statistical Product Acceptance Requirements |
| ARP9013/1 | 10/2005 | Statistical Product Acceptance Requirements (SPAR) Using Isolated Lot Sampling Methods |
| ARP9013/2 | 10/2005 | Statistical Product Acceptance Requirements (SPAR) Using Attribute or Variable Lot Acceptance Sampling Plans |
| ARP9013/3 | 10/2005 | Statistical Product Acceptance Requirements (SPAR) Using Process Control Methods |
| ARP9013/4 | 10/2005 | Statistical Product Acceptance Requirements (SPAR) Using Continuous Sampling, Skip-Lot Sampling, or Methods for Special Cases |
| ARP9134 | 03/2004 | Supply Chain Risk Management Guideline |
| ARP9162 | 05/2005 | Aerospace Operator Self-Verification Programs |
| AS478 | N | Identification Marking Methods |
| AS5202 | A | Internal Straight Thread Design |
| AS6462 | A | AS5553A, Fraudulent/ Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, & Disposition Verification Criteria |
| AS9015 | 09/2007 | Supplier Self Verification Process Delegation Programs |
| AS9100 | D | Quality Systems Aerospace Model for Quality Assurance in Design, Development, Production, Installation and Servicing |

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| AS9101 | E | Quality Management Systems Audit Requirements for Aviation, Space and Defense Organizations |
| AS9102 | B | Aerospace First Article Inspection Requirement |
| AS9103 | A | Variation Management of Key Characteristics |
| AS9117 | 3/2016 | Delegated Product Release Verification |
| AS9131 | B | Quality Management Systems - Nonconformance Documentation |
| AS9145 | | Aerospace Series - Requirements for Advanced Product Quality Planning & Production Part Approval Process |
| AS13000 | 5/2014 | Problem Solving Requirements for Suppliers |
| AS13001 | 2/2015 | Supplier Self Release Training Requirements |
| ASME B46.1 | 2002 | Surface Texture (Surface Roughness, Waviness and Lay) |
| ASME BPVC-IX | 2011a Addenda (7-1-11) | Qualification Standard for Welding and Brazing Procedures, Welders, Brazers, & Welding and Brazing Operators |
| ASME Y14.100 | 2004 | Engineering Drawing Practices |
| ASME Y14.24 | 2012 (issued 4/5/13) | Types and Applications of Engineering Drawings |
| ASME Y14.38 | 2007 (RA 2013) | Abbreviations and Acronyms for Use on Drawings and Related Documents |
| ASME Y14.41 | 2003 | Digital Product Definition Data Practices |
| ASME Y14.5 | 2009 | Dimensioning and Tolerancing |
| ASME Y14.8 | 2009 | Castings, Forgings, and Molded Parts |
| ASTM A148/148M | 15 | Standard Specification for Steel Castings, High strength, for Structural Purposes |
| ASTM A27/A27M | 10 | Standard Specification for Steel Casting, Carbon, For General Application |
| ASTM A216/A216M | 16 | Standard Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service |
| ASTM A262 | 13 | Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels |
| ASTM A296 | 1980 | Specification for Corrosion Resistant Iron-Chromium & Iron-Chromium Nickel & Nickel-B Alloy Castings |
| ASTM A351/A351M | 13a | Standard Specification for Casting, Austenitic, for Pressure-Containing Parts |
| ASTM A370 | 17 | Standard Test Methods and Definitions for Mechanical testing of Steel Products |

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| ASTM A488/A488M | 17 | Standard Practice for Steel Castings, Welding, Qualifications of Procedures and Personnel |
| ASTM A703/A703M | 17 | Standard Specification for Steel Castings, General Requirements for Pressure Containing Parts |
| ASTM A732/A732M | 14 | Standard Specification for Castings, Investment, Carbon and Low Alloy Steel for General Application, and Cobalt Alloy for High Strength at Elevated Temperatures |
| ASTM A743/A743M | 13ae1 | Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application |
| ASTM A747/A747M | 12 | Standard Specification for Steel Castings, Stainless, Precipitation Hardening |
| ASTM A751 | 14a | Standard Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products |
| ASTM A781/A781M | 17 | Standard Specification for Castings, Steel and Alloy, Common Requirements for General Industrial Use |
| ASTM A802/A802M | 95,(R/A 2010e1) | Standard Practice for Steel Castings, Surface Acceptance Standards, Visual Examination |
| ASTM A957/A957M | 13 | Standard Specification for Investment Castings, Steel & Alloy, Common Requirements, for General Industrial Use |
| ASTM A985/A985M | 13 | Standard Specification for Steel Investment Castings, General Requirements, for Pressure-Containing Parts |
| ASTM A997 | 08 (R/A 2012) | Standard Practice for Investment Castings, Surface Acceptance Standards, Visual Examination |
| ASTM B26/B26M | 14e1 | Standard Specification for Aluminum-Alloy Sand Castings |
| ASTM B85/B85M | 10 | Standard Specification for Aluminum-Alloy Die Casting |
| ASTM B108/B108M | 15 | Standard Specification for Aluminum-Alloy Permanent Mold Castings |
| ASTM B179 | 14 | Standard Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from all Casting Processes |
| ASTM B557 | 15 | Standard Test Methods of Tension Testing Wrought and Cast Aluminum and Magnesium Alloy Products |
| ASTM B597 | 1992 (RA 98) | Standard Practice for Heat Treating of Aluminum Alloys |
| ASTM B618/B618M | 14 | Standard Specification for Aluminum-Alloy Investment Castings |

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| ASTM B660 | 08 | Standard Practices for Packaging/Packing of Aluminum and Magnesium Products |
| ASTM B686/B686M | 14 | Standard Specification for Aluminum Alloy Castings, High Strength |
| ASTM B917/B917M | 12 | Standard Practice for Heat Treatment of Aluminum Alloy Castings from all Processes |
| ASTM D95 | 13e1 | Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation |
| ASTM D740 | 94, R/A 01 | Standard Specification for Methyl Ethyl Ketone |
| ASTM D3951 | 15 | Standard Practice for Commercial Packaging |
| ASTM E3 | 11 | Standard Guide for Preparation of Metallographic Specimens |
| ASTM E4 | 16 | Standard Practices for Force Verification of Testing Machines |
| ASTM E6 | 15 | Standard Terminology Relating to Methods of Mechanical Testing |
| ASTM E8/E8M | 16a | Standard Test Methods for Tension Testing of Metallic Materials |
| ASTM E10 | 15a | Standard Test Method for Brinell Hardness of Metallic Materials |
| ASTM E18 | 16 | Standard Test Methods for Rockwell Hardness of Metallic Materials |
| ASTM E23 | 06 | Standard Test Methods for Notched Bar Impact Testing of Metallic Materials |
| ASTM E29 | 13 | Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications |
| ASTM E34 | 11e1 | Standard Test Methods for Chemical Analysis of Aluminum and Aluminum Base Alloys |
| ASTM E83 | 10a | Standard Practice for Verification and Classification of Extensometer System |
| ASTM E94 | 04 (R/A2010) | Standard Guide for Radiographic Examination |
| ASTM E110 | 14 | Standard Test Method for Rockwell and Brinell Hardness of Metallic Materials by Portable Hardness Tester |
| ASTM E112 | 96e3 | Standard Test Methods for Determining Average Grain Size |
| ASTM E140 | 12be1 | Standard Hardness Conversion Tables for Metals Relationship Among Brinell, Vickers, Rockwell, Superficial, Knoop, Scleroscope, and Leeb Hardness |
| ASTM E142 | 92 | Standard Method for Controlling Quality of Radiographic Testing |

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| ASTM E155 | 15 | Standard Reference Radiographs for Inspection of Aluminum and Magnesium Castings |
| ASTM E165/E165M | 12 | Standard Practice for Liquid Penetrant Examination for General Industry |
| ASTM E192 | 15 | Standard Reference Radiographs of Investment Steel Castings for Aerospace Applications |
| ASTM E220 | 07a | Standard Test Method for Calibration of Thermocouples by Comparison Techniques |
| ASTM E227 | 90 RA 96 | Standard Test Method for Optical Emission Spectrometric Analysis of Aluminum and Aluminum Alloys by the Point-to Plane Technique |
| ASTM E230/230M | 11e1 | Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples |
| ASTM E353 | 93 RA06 | Standard Test Methods for Chemical Analysis of Stainless, Heat-Resisting, Maraging, and Other Similar Chromium-Nickel-Iron Alloys |
| ASTM E407 | 07 (RA 2015)e1 | Standard Practice for Microetching Metals and Alloys |
| ASTM E415 | 15 | Standard Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry |
| ASTM E433 | 71RA03 | Standard Reference Photographs for Liquid Penetrant Inspection |
| ASTM E515 | 95RA00 | Standard Test Method for Leaks Using Bubble Emission Techniques |
| ASTM E562 | 05e1 | Standard Test Method for Determining Volume Fraction by Systematic Manual Point Count |
| ASTM E608/E608M | 06 | Standard Specification for Mineral-Insulated, Metal-Sheathed Base Metal Thermocouples |
| ASTM E716 | 10 | Standard Practices for Sampling and Sample Preparation of Aluminum and Aluminum Alloys for Determination of Chemical Composition by Spectrochemical Analysis |
| ASTM E746 | 07 | Standard Practice for Determining Relative Image Quality Response of Industrial Radiographic Imaging Systems |
| ASTM E747 | 04 (R/A2010) | Standard Practice for Design, Manufacture and Material Grouping Classification of Wire Image Quality Indicators (IQI) Used for Radiology |
| ASTM E883 | 1999 | Standard Guide for Reflected-Light Photomicrography |
| ASTM E930 | 99 (R/A 15) | Standard Test Methods for Estimating the Largest Grain Observed in a Metallographic Section (ALA Grain Size) |

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| ASTM E999 | 10 | Standard Guide for Controlling the Quality of Industrial Radiographic Film Processing |
| ASTM E1012 | 14 | Standard Practice for Verification of Testing Frame and Specimen Alignment Under Tensile and Compressive Axial Force Application |
| ASTM E1019 | 00 | Standard Test Methods for Determination of Carbon, Sulfur, Nitrogen and Oxygen in Steel and in Iron, Nickel and Cobalt Alloys |
| ASTM E1025 | 11 | Standard Practice for Design, Manufacture, and Material Grouping Classification of Hole-Type Image Quality Indicators (IQI) Used for Radiology |
| ASTM E1079 | 10 | Standard Practice for Calibration of Transmission Densitometers |
| ASTM E1086 | 14 | Standard Test Method for Atomic Emission Vacuum Spectrometric Analysis of Stainless Steel by Point-to-Plane Excitation Technique |
| ASTM E1165 | 12 | Standard Test Method for Measurement of Focal Spots of Industrial X-Ray Tubes by Pinhole Imaging |
| ASTM E1251 | 11 | Standard Test Method for Analysis of Aluminum and Aluminum Alloys by Spark Atomic Emission Spectrometry |
| ASTM E1254 | 13 | Standard Guide for Storage of Radiographs and Unexposed Industrial Radiographic Films |
| ASTM E1255 | 09 | Standard Practice for Radioscopy |
| ASTM E1282 | 11 | Standard Guide for Specifying the Chemical Compositions and Selecting Sampling Practices and Quantitative Analysis Methods for Metals, Ores, and Related Materials |
| ASTM E1316 | 17a | Standard Terminology for Nondestructive Examinations |
| ASTM E1390 | 06 | Standard Specification for Illuminators Used for Viewing Industrial Radiographs |
| ASTM E1411 | 09 | Standard Practice for Qualification of Radioscopic Systems |
| ASTM E1417/E1417M | 16 | Standard Practice for Liquid Penetrant Testing |
| ASTM E1453 | 09 | Standard Guide for Storage of Magnetic Tape Media that Contains Analog or Digital Radioscopic Data |
| ASTM E1734 | 09 | Standard Practice for Radioscope Examination of Castings |
| ASTM E1742/E1742M | 12 | Standard Practice for Radiographic Examination |
| ASTM E1817 | 08 | Standard Practice for Controlling Quality of Radiological Examination by Using Representative Quality Indicators (RQI's) |

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| ASTM E2002 | 98 (RA 2009) | Standard Practice for Determining Total Image Unsharpness in Radiology |
| ASTM E2104 | 09 | Standard Practice for Radiographic Examination of Advanced Aero and Turbine Materials and Components |
| ASTM E2339 | 15 | Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) |
| ASTM E2422 | 11 | Standard Digital Reference Images for Inspection of Aluminum Castings |
| ASTM E2445 | 05 (RA 2010) | Standard Practice for Qualification and Long-Term Stability of Computed Radiology Systems |
| ASTM E2597 | 07e1 | Standard Practice for Manufacturing Characterization of Digital Detector Arrays |
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| ASTM E2699 | 13 | Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for Digital Radiographic (DR) Test |
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| BS EN 1371-2 | 1998 | Founding - Liquid Penetrant Inspection - Part 2: Investment Castings |
| BS EN 1706 | 2010 | Aluminum & Aluminum Alloys - Castings - Chemical Composition & Mechanical Properties |
| BS EN 12543-5 | 1999 | Non-destructive testing - Characteristics of focal spots in Industrial X-Ray systems for use in Non-Destructive Testing |
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| DOD-D-1000 | B, N1 7-1-90 | Drawings, Engineering & Associated Lists |
| DOD-STD-2168 | CN1, 3-20-95 | Defense System Software Quality Program |
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| GGG-G-15 | C A1 8-14-76, N1, 7-13-99 | Gage Blocks & Accessories (Inch & Metric) |
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| ISO International Vocabulary Metrology | 2nd ED, 1993 | International Vocabulary of Basic and General Terms in Metrology |
| ISO 2768-1 | 1st ED 11-15-89 | General Tolerances - Part 1: Tolerances for linear and angular dimensions without individual tolerance indications |
| ISO 2768-2 | 1st ED 11-15-89 | General Tolerances - Part 2: Geometrical Tolerances for features without individual tolerance indications |
| ISO 5725-1 | 1st ED 1994, TC1 2-15-98 | Accuracy (trueness and precision) of Measurement Methods and Results - Part 1: General Principles and Definitions |

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| ISO 8062 | 2nd ED, 4/1/94 | Castings - Systems of Dimensional Tolerances and Machining Allowances |
| ISO 9000 | 4th ED, 9-15-15 | Quality Management Systems - Fundamentals and Vocabulary |
| ISO 9001 | 5th ED, 9-15-15 | Quality Management Systems-Requirements |
| ISO 9002 | 2nd ED, 7/1/94 | Quality Systems - Model for Quality Assurance in Production, Installation and Servicing |
| ISO 9004 | 3rd ED, 11-1-09 | Managing for the Sustained Success of an Organization - A Quality Management Approach |
| ISO 10007 | 2nd ED, 6/15/2003 | Quality Management Systems - Guidelines for Configuration Management |
| ISO 10012 | 1st ED, 4-15-03 | Measurement Management Systems - Requirements for Measurement Processes and Measuring Equipment |
| ISO 10014 | 1st ED, 7-1-06 | Quality Management - Guidelines for Realizing Financial and Economic Benefits |
| ISO 10015 | 1ST ED, 12-15-99 | Quality Management-Guidelines for Training |
| ISO 10049 | 1Sst ED, 4-1-92 | Aluminum Alloy Castings - Visual Method for Assessing the Porosity |
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| MIL-A-21180 | D,N1, Canceled 9-10-99 | Aluminum Alloy Castings, High Strength |
| MIL-A-21380 | B | Abrasive Materials for Blasting |
| MIL-C-5541 | E | Chemical Conversion Coatings on Aluminum and Aluminum Alloys |
| MIL-C-6021 | H, N1 | Casting, Classification & Inspection of |
| MIL-C-11866 | C, N4, 8-4-98 | Castings, Precision, Nonferrous |

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| MIL-H-6875 | H, N1, 2-2-99 | Heat Treatment of Steel Raw Materials |
| MIL-HDBK-683 | AT, N2 4-13-04 | Statistical Process Control (SPC) Implementation & Evaluation Aid |
| MIL-HDBK-6870 | A , (N1 9-5-08) 8-28-01 | DOD (Department of Defense) Handbook Inspection Program Requirements, Nondestructive for Aircraft & Missile Materials & Parts |
| MIL-I-8500 | D, N1, 2-19-95 | Interchangeability & Replaceability of Component |
| MIL-I-6866 | B, Int Amd 3 | Inspection, Penetrant Method of |
| MIL-I-13857 | B, N2 3-23-98 | Impregnation of Metal Castings |
| MIL-I-25135 | E, N1 | Penetrant Inspection |
| MIL-I-45208 | A, N1, 10-1-96 | Inspection System requirements |
| MIL-P-47158 | MI, N1 8-7-89 | Penetrant Inspection, Soundness Requirements for Materials, Parts & Weldments |
| MIL-PRF-23377 | J, A2, 4-10-07 | Performance Specification - Primer Coatings: Epoxy, High-Solids |
| MIL-PRF-85582 | D A1, 6-9-06 | Performance Specification Primer Castings: Epoxy, Waterborne |
| MIL-S-7720 | A, N1 12-12-97 | Steel, Corrosion-Resistant (18-8) Bars, Wire & Forging Stock (Aircraft Quality) |
| Mil-S-22141 | B, N1, 11-6-91 | Steel, Investment Castings Alloy & Carbon Steel |
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| MIL-STD-100 | G, N1 12-14-01 | Standard Practice for Engineering Drawings |
| MIL-STD-120 | 50, CN1, 9-9-63 | Gage Inspection |
| MIL-STD-129 | P, C4 9-19-07 | Military Marking for Shipment & Storage |
| MIL-STD-130 | N | Identification Marking of U.S. Military Property |
| MIL-STD-139 | A, N1, 7-28-99 | Radiographic Inspection, Soundness Requirements for Aluminum and Magnesium Castings (For Small Arms Parts) |
| MIL-STD-171 | F | Finishing of Metal and Wood Surfaces |
| MIL-STD-248 | D, N1 8-28-97 | Welding and Brazing Procedure and Performance Qualification |
| MIL-STD-276 | A | Impregnation of Porous Metal Castings & Powdered Metal Components |
| MIL-STD-278 | F, N2 8-28-97 | Welding & Casting Standard |
| MIL-STD-453 | C, CN2, 12-12-96 | Military Specification, Inspection, Radiographic |

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| MIL-STD-1595 | A, N2, 6-16-98 | Qualification of Aircraft, Missile & Aerospace Fusion Welders |
| MIL-STD-1907 | 89, N5 9-30-14 | Inspection, Liquid Penetrant & Magnetic Particle, Soundness Requirements for Materials, Parts & Weldments |
| MIL-STD-1916 | 96, 3-1-96 | DOD Preferred Methods for Acceptance of Product |
| MIL-STD-2035 | A | Non-Destructive Testing Acceptance Criteria |
| MIL-STD-2073-1 | E | Standard Practice for Military Packaging |
| MIL-STD-2175 | A | Castings, classification and inspection of Use only when specifically referenced by process. |
| MIL-STD-2219 | A, N2 | Fusion Welding for Aerospace Applications |
| MIL-STD-6866 | 89, N2 11-22-96 | Military Standard, Inspection, Liquid Penetrant |
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| MS16142 | C | Boss, Gasket Seal Straight Thread Tube Fitting, Standard Dimensions For |
| NAS410 | 4 | Certification & Qualification of Nondestructive Test Personnel |
| NAS 412 | Oct./1997 | Foreign Object Damage/ Foreign Object Debris (FOD) Prevention |
| NAS 823 | 2 | Cast surface comparison standard |
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| QQ-A-601 | F, N2, 1-23-91 | Aluminum Alloy Sand Castings |
| QQ-P-35 | C, N3, 9-11-98 | Passivation Treatment for Corrosion-Resistant Steel |
| RP-1 | April 2010 | Establishment and Adjustment of Calibration Intervals |
| S9074-AQ-GIB-010/248 | 8-1-95 | Requirements for Welding & Brazing Procedure & Performance Qualification |
| S9074-AR-GIB-010/278 | 8-1-95 | Requirements for Fabrication Welding & Inspection, Casting Inspection & Repair for Machinery, Piping, & Pressure Vessels |
| SAE J452 | 12-03 | General Information - Chemical Compositions, Mechanical and Physical Properties of SAE Aluminum Casting Alloys |
| SAE J792a | 6-1968 | Blast Cleaning |
| T9074-AS-GIB-010/271 | 4-30-97 | Requirements for Nondestructive Testing Methods |
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| WS 19181 | B (9-30-88) | Process Specification for Fusion Welding of Aluminum Alloys (Except 2014) |