

| ASTM Spec | Title |
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| AMS 2750 | Pyrometry - (Heat Treatment of Test Materials) |
| ASTM A 370 | Definitions for Mechanical Testing of Steel Products |
| ASTM B 214 | Sieve Analysis of Metal Powders |
| ASTM B 329 | Apparent Density of Metal Powders and Compounds using the Scott Volumeter |
| ASTM B 487 | Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of a Cross Section |
| ASTM B 557 | Tension Testing Wrought and Cast Aluminum and Magnesium-Alloy Product |
| ASTM C 167 | Thickness and Density of Blanket or Batt Thermal Insulations |
| ASTM C 325 | Wet Sieve Analysis of Ceramic Whiteware Clays |
| ASTM C 429 | Sieve Analysis of Raw Materials for Glass Manufacture |
| ASTM C 633 | Adhesion or Cohesion Strength of Thermal Spray Coatings |
| ASTM C 674 | Flexural Properties of Ceramic Whiteware Materials |
| ASTM C 830 | Apparent Porosity, Liquid Absorption, Apparent Specific Gravity and Bulk Density of Refractory Shapes by Vacuum Pressure |
| ASTM D 127 | Drop Melting Point of Petroleum Wax Including Petrolatum |
| ASTM D 445 | Kinematic Viscosity of Transparent and Opaque Liquids (the Calculation of Dynamic Viscosity) |
| ASTM D 482 | Test Method for Ash from Petroleum Products |
| ASTM E 3 | Preparation of Metallographic Specimens |
| ASTM E 8 | Tension Testing of Metallic Materials |
| ASTM E 8M | Tension Testing of Metallic Materials (Metric) |
| ASTM E 9 | Compression Testing of Metallic Materials at Room Temperature |
| ASTM E 10 | Brinell Hardness of Metallic Materials |
| ASTM E 18 | Rockwell Hardness and Superficial Hardness of Metallic Materials |
| ASTM E 21 | Elevated Temperature Tension Tests of Metallic Materials |
| ASTM E 23 | Test Methods for Notched Bar Impact Testing of Metallic Materials |
| ASTM E 28 | Softening Point of Resins Derived From Naval Stores by Ring-and-ball Apparatus |
| ASTM E 92 | Vickers Hardness of Metallic Materials |
| ASTM E 111 | Youngs Modulus, Tangent Modulus and Chord Modulus |
| ASTM E 112 | Determining the Average Grain Size |
| ASTM E 132 | Poissons Ratio at Room Temperature |
| ASTM E 139 | Conducting Creep, Creep-Rupture & Stress Rupture Tests of Metallic Material |
| ASTM E 140 | Hardness Conversion Tables for Metals ... |
| ASTM E 203 | Water Using Volumetric Karl Fischer Titration |
| ASTM E 322 | Test Method for X-Ray Emission Spectrometric Analysis of Low-Alloy Steels and Cast Irons |
| ASTM E 340 | Macroetching Metals and Alloys |
| ASTM E 384 | Microindentation Hardness of Materials |
| ASTM E 407 | Microetching Metals and Alloys |
| ASTM E 415 | Test Method for Optical Emission Vacuum Spectrometric Analysis of Carbon and Low-Alloy Steel |
| ASTM E 883 | Reflected-Light Photomicrography |
| ASTM E 930 | Estimating the Largest Grain Observed in a Metallographic Section (ALA Grain Size) |
| ASTM E 1019 | Determination of Carbon, Sulfur, Nitrogen and Oxygen in Steel and in Iron, Nickel and Cobalt Alloys |
| ASTM E 1085 | Test Method for X-Ray Emission Spectrometric Analysis of Low-Alloy Steel |

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| ASTM E 1086 | Test Method for Optical Emission Vacuum Spectrometric Analysis of Stainless Steel by the Point-to-Plan Excitation Technique |
| ASTM E 1122 | Standard Practice for Obtaining JK Inclusion Ratings Using Automatic Image Analysis |
| ASTM E 1135 | Comparing the Brightness of Fluorescent Penetrants |
| ASTM E 1184 | Practice for Electrothermal (Graphite Furnace) Atomic Absorption Analysis |
| ASTM E 1251 | Test Method for Analysis of Aluminum and Aluminum Alloys by Atomic Emission Spectrometry |
| ASTM E 1409 | Test Method for Determination of Oxygen and Nitrogen in Titanium and Titanium Alloys by the Inert Gas Fusion Technique |
| ASTM E 1447 | Determination of Hydrogen in Titanium and Titanium Alloys by the Inert Gas Fusion Thermal Conductivity Method |
| ASTM E 1479 | Practice for Describing and Specifying Inductively-Coupled Plasma Atomic Emission Spectrometers |
| ASTM E 1920 | Guide for Metallographic Preparation of Thermal Sprayed Coatings |
| ASTM E 2142 | Test Methods for Rating and Classifying Inclusions in Steel Using the Scanning Electron Microscope |
| ASTM E 2371 | Test Method for Analysis of Titanium and Titanium Alloys by Atomic Emission Plasma Spectrometry |
| ASTM E 1355 | Standard Guide for Evaluating the Predictive Capability of Deterministic Fire Models |
| ASTM F 1375 | Test Method for Energy Dispersive X-Ray Spectrometer (EDX) Analysis of Metallic Surface Condition for Gas Distribution System Components |