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E94/E94M-17 Standard Guide for Radiographic Examination Using Industrial Radiographic Film

E114-15 Standard Practice for Ultrasonic Pulse-Echo Straight-Beam Contact Testing

E125-63(2013) Standard Reference Photographs for Magnetic Particle Indications on Ferrous Castings

E127-15 Standard Practice for Fabrication and Control of Aluminum Alloy Ultrasonic Standard Reference Blocks

E155-15 Standard Reference Radiographs for Inspection of Aluminum and Magnesium Castings

E164-13 Standard Practice for Contact Ultrasonic Testing of Weldments

E165/E165M-12 Standard Practice for Liquid Penetrant Examination for General Industry

E186-15 Standard Reference Radiographs for Heavy-Walled (2 to 412 in. (50.8 to 114 mm)) Steel Castings

E192-15 Standard Reference Radiographs of Investment Steel Castings for Aerospace Applications

E213-14e1 Standard Practice for Ultrasonic Testing of Metal Pipe and Tubing

E215-16 Standard Practice for Standardizing Equipment and Electromagnetic Examination of Seamless Aluminum-Alloy Tube

E242-15 Standard Reference Radiographs for Appearances of Radiographic Images as Certain Parameters are Changed

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E426-16 Standard Practice for Electromagnetic (Eddy Current) Examination of Seamless and Welded Tubular Products, Titanium, Austenitic Stainless Steel and Similar Alloys

E428-08(2013) Standard Practice for Fabrication and Control of Metal, Other than Aluminum, Reference Blocks Used in Ultrasonic Testing

E431-96(2016) Standard Guide to Interpretation of Radiographs of Semiconductors and Related Devices

E432-91(2017)e1 Standard Guide for Selection of a Leak Testing Method

E433-71(2013) Standard Reference Photographs for Liquid Penetrant Inspection

E446-15 Standard Reference Radiographs for Steel Castings Up to 2 in. (50.8 mm) in Thickness

E493/E493M-11(2017) Standard Practice for Leaks Using the Mass Spectrometer Leak Detector in the Inside-Out Testing Mode

E494-15 Standard Practice for Measuring Ultrasonic Velocity in Materials

E498/E498M-11(2017) Standard Practice for Leaks Using the Mass Spectrometer Leak Detector or Residual Gas Analyzer in the Tracer Probe Mode

E499/E499M-11(2017) Standard Practice for Leaks Using the Mass Spectrometer Leak Detector in the Detector Probe Mode

E505-15 Standard Reference Radiographs for Inspection of Aluminum and Magnesium Die Castings

E515-11 Standard Practice for Leaks Using Bubble Emission Techniques

E543-15 Standard Specification for Agencies Performing Nondestructive Testing

E545-14 Standard Test Method for Determining Image Quality in Direct Thermal Neutron Radiographic Examination

E566-14 Standard Practice for Electromagnetic (Eddy Current) Sorting of Ferrous Metals

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E570-15e1 Standard Practice for Flux Leakage Examination of Ferromagnetic Steel Tubular Products

E571-12 Standard Practice for Electromagnetic (Eddy-Current) Examination of Nickel and Nickel Alloy Tubular Products

E587-15 Standard Practice for Ultrasonic Angle-Beam Contact Testing

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E709-15 Standard Guide for Magnetic Particle Testing

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E747-04(2010) Standard Practice for Design, Manufacture and Material Grouping Classification of Wire Image Quality Indicators (IQI) Used for Radiology

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E802-15 Standard Reference Radiographs for Gray Iron Castings Up to 412 in. (114 mm) in Thickness

E803-17 Standard Test Method for Determining the L/D Ratio of Neutron Radiography Beams

E908-98(2012) Standard Practice for Calibrating Gaseous Reference Leaks

E976-15 Standard Guide for Determining the Reproducibility of Acoustic Emission Sensor Response

E977-05(2014) Standard Practice for Thermoelectric Sorting of Electrically Conductive Materials

E999-15 Standard Guide for Controlling the Quality of Industrial Radiographic Film Processing

E1000-16 Standard Guide for Radioscopy

E1001-16 Standard Practice for Detection and Evaluation of Discontinuities by the Immersed Pulse-Echo Ultrasonic Method Using Longitudinal Waves

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E1067/E1067M-18 Standard Practice for Acoustic Emission Examination of Fiberglass Reinforced Plastic Resin (FRP) Tanks/Vessels

E1079-16 Standard Practice for Calibration of Transmission Densitometers

E1106-12(2017) Standard Test Method for Primary Calibration of Acoustic Emission Sensors

E1114-09(2014) Standard Test Method for Determining the Size of Iridium-192 Industrial Radiographic Sources

E1118/E1118M-16 Standard Practice for Acoustic Emission Examination of Reinforced Thermosetting Resin Pipe (RTRP)

E1135-12 Standard Test Method for Comparing the Brightness of Fluorescent Penetrants

E1139/E1139M-17 Standard Practice for Continuous Monitoring of Acoustic Emission from Metal Pressure Boundaries

E1158-14 Standard Guide for Material Selection and Fabrication of Reference Blocks for the Pulsed Longitudinal Wave Ultrasonic Testing of Metal and Metal Alloy Production Material

E1161-09(2014) Standard Practice for Radiologic Examination of Semiconductors and Electronic Components

E1165-12(2017) Standard Test Method for Measurement of Focal Spots of Industrial X-Ray Tubes by Pinhole Imaging

E1208-16 Standard Practice for Fluorescent Liquid Penetrant Testing Using the Lipophilic Post-Emulsification Process

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E1359-17 Standard Guide for Auditing and Evaluating Capabilities of Nondestructive Testing Agencies

E1390-12(2016) Standard Specification for Illuminators Used for Viewing Industrial Radiographs

E1411-16 Standard Practice for Qualification of Radioscopic Systems

E1416-16a Standard Practice for Radioscopic Examination of Weldments

E1417/E1417M-16 Standard Practice for Liquid Penetrant Testing

E1418-16 Standard Practice for Visible Penetrant Testing Using the Water-Washable Process

E1419/E1419M-15a Standard Practice for Examination of Seamless, Gas-Filled, Pressure Vessels Using Acoustic Emission

E1441-11 Standard Guide for Computed Tomography (CT) Imaging

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E1453-14 Standard Guide for Storage of Magnetic Tape Media that Contains Analog or Digital Radioscopic Data

E1475-13 Standard Guide for Data Fields for Computerized Transfer of Digital Radiological Examination Data

E1476-04(2014) Standard Guide for Metals Identification, Grade Verification, and Sorting

E1495/E1495M-17 Standard Guide for Acousto-Ultrasonic Assessment of Composites, Laminates, and Bonded Joints

E1543-14 Standard Practice for Noise Equivalent Temperature Difference of Thermal Imaging Systems

E1570-11 Standard Practice for Computed Tomographic (CT) Examination

E1571-11(2016)e1 Standard Practice for Electromagnetic Examination of Ferromagnetic Steel Wire Rope

E1603/E1603M-11(2017) Standard Practice for Leakage Measurement Using the Mass Spectrometer Leak Detector or Residual Gas Analyzer in the Hood Mode

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E1629-12 Standard Practice for Determining the Impedance of Absolute Eddy-Current Probes

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E1695-95(2013) Standard Test Method for Measurement of Computed Tomography (CT) System Performance

E1734-16a Standard Practice for Radioscopic Examination of Castings

E1735-07(2014) Standard Test Method for Determining Relative Image Quality of Industrial Radiographic Film Exposed to X-Radiation from 4 to 25 MeV

E1736-15 Standard Practice for Acousto-Ultrasonic Assessment of Filament-Wound Pressure Vessels

E1742/E1742M-18 Standard Practice for Radiographic Examination

E1774-17 Standard Guide for Electromagnetic Acoustic Transducers (EMATs)

E1781/E1781M-13 Standard Practice for Secondary Calibration of Acoustic Emission Sensors

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E1815-08(2013)e1 Standard Test Method for Classification of Film Systems for Industrial Radiography

E1816-12 Standard Practice for Ultrasonic Testing Using Electromagnetic Acoustic Transducer (EMAT) Techniques

E1817-08(2014) Standard Practice for Controlling Quality of Radiological Examination by Using Representative Quality Indicators (RQIs)

E1862-14 Standard Practice for Measuring and Compensating for Reflected Temperature Using Infrared Imaging Radiometers

E1888/E1888M-17 Standard Practice for Acoustic Emission Examination of Pressurized Containers Made of Fiberglass Reinforced Plastic with Balsa Wood Cores

E1897-14 Standard Practice for Measuring and Compensating for Transmittance of an Attenuating Medium Using Infrared Imaging Radiometers

E1901-13 Standard Guide for Detection and Evaluation of Discontinuities by Contact Pulse-Echo Straight-Beam Ultrasonic Methods

E1930/E1930M-17 Standard Practice for Examination of Liquid-Filled Atmospheric and Low-Pressure Metal Storage Tanks Using Acoustic Emission

E1931-16 Standard Guide for Non-computed X-Ray Compton Scatter Tomography

E1932-12(2017) Standard Guide for Acoustic Emission Examination of Small Parts

E1933-14 Standard Practice for Measuring and Compensating for Emissivity Using Infrared Imaging Radiometers

E1934-99a(2014) Standard Guide for Examining Electrical and Mechanical Equipment with Infrared Thermography

E1935-97(2013) Standard Test Method for Calibrating and Measuring CT Density

E1936-15 Standard Reference Radiograph for Evaluating the Performance of Radiographic Digitization Systems

E1955-04(2014) Standard Radiographic Examination for Soundness of Welds in Steel by Comparison to Graded ASTM Reference Radiographs

E1961-16 Standard Practice for Mechanized Ultrasonic Testing of Girth Welds Using Zonal Discrimination with Focused Search Units

E1962-14 Standard Practice for Ultrasonic Surface Testing Using Electromagnetic Acoustic Transducer (EMAT) Techniques

E2001-13 Standard Guide for Resonant Ultrasound Spectroscopy for Defect Detection in Both Metallic and Non-metallic Parts

E2002-15 Standard Practice for Determining Total Image Unsharpness and Basic Spatial Resolution in Radiography and Radioscopy

E2003-10(2014) Standard Practice for Fabrication of the Neutron Radiographic Beam Purity Indicators

E2007-10(2016) Standard Guide for Computed Radiography

E2023-10(2014) Standard Practice for Fabrication of Neutron Radiographic Sensitivity Indicators

E2024/E2024M-11 Standard Practice for Atmospheric Leaks Using a Thermal Conductivity Leak Detector

E2033-17 Standard Practice for Radiographic Examination Using Computed Radiography (Photostimulable Luminescence Method)

E2075/E2075M-15 Standard Practice for Verifying the Consistency of AE-Sensor Response Using an Acrylic Rod

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E2192-13 Standard Guide for Planar Flaw Height Sizing by Ultrasonics

E2223-13 Standard Practice for Examination of Seamless, Gas-Filled, Steel Pressure Vessels Using Angle Beam Ultrasonics

E2261/E2261M-17 Standard Practice for Examination of Welds Using the Alternating Current Field Measurement Technique

E2297-15 Standard Guide for Use of UV-A and Visible Light Sources and Meters used in the Liquid Penetrant and Magnetic Particle Methods

E2337/E2337M-10(2015) Standard Guide for Mutual Inductance Bridge Applications for Wall Thickness Determinations in Boiler Tubing

E2338-17 Standard Practice for Characterization of Coatings Using Conformable Eddy Current Sensors without Coating Reference Standards

E2339-15 Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE)

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