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E2905/E2905M-20 Standard Practice for Examination of Mill and Kiln Girth Gear Teeth—  
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E3168-20a Standard Practice for Determining Low-Contrast Visual Acuity of Radiographic  
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E2930-13(2021) Standard Practice for Pressure Decay Leak Test Method

E2479-16(2021) Standard Practice for Measuring the Ultrasonic Velocity in Polyethylene  
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E2534-20 Standard Practice for Targeted Defect Detection Using Process Compensated  
Resonance Testing Via Swept Sine Input for Metallic and Non-Metallic Parts

E2982-21 Standard Guide for Nondestructive Examination of Thin-Walled Metallic Liners in  
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E3267-21 Standard Guide for Building Information Models and Archiving for Digital Imaging  
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E2767-21 Standard Practice for Digital Imaging and Communication in Nondestructive  
Evaluation (DICONDE) for X-ray Computed Tomography (CT) Test Methods

E3023-21 Standard Practice for Probability of Detection Analysis for  $\hat{a}$  Versus a Data

E2533-21 Standard Guide for Nondestructive Examination of Polymer Matrix Composites  
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E2981-21 Standard Guide for Nondestructive Examination of Composite Overwraps in  
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E2582-21 Standard Practice for Infrared Flash Thermography of Composite Panels and Repair Patches Used in Aerospace Applications

E2863-17 Standard Practice for Acoustic Emission Examination of Welded Steel Sphere Pressure Vessels Using Thermal Pressurization

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E2903-18 Standard Test Method for Measurement of the Effective Focal Spot Size of Mini and Micro Focus X-ray Tubes

E3147-18 Standard Practice for Evaluating DICONDE Interoperability of Nondestructive Testing and Inspection Systems

E3022-18 Standard Practice for Measurement of Emission Characteristics and Requirements for LED UV-A Lamps Used in Fluorescent Penetrant and Magnetic Particle Testing

E3169-18 Standard Guide for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE)

E3101-18 Standard Practice for Microwave Examination of Polyethylene Butt Fusion Joints

E3102-18 Standard Practice for Microwave Examination of Polyethylene Electrofusion Joints Used in Piping Application

E2907/E2907M-13(2019) Standard Practice for Examination of Paper Machine Rolls Using Acoustic Emission from Crack Face Rubbing

E3213-19 Standard Practice for Part-to-Itself Examination Using Process Compensated Resonance Testing Via Swept Sine Input for Metallic and Non-Metallic Parts

E2985/E2985M-14(2019) Standard Practice for Determination of Metal Purity Based on Elastic Constant Measurements Derived from Resonant Ultrasound Spectroscopy

E2983-14(2019) Standard Guide for Application of Acoustic Emission for Structural Health Monitoring

E2698-18e1 Standard Practice for Radiographic Examination Using Digital Detector Arrays

E3166-20e1 Standard Guide for Nondestructive Examination of Metal Additively Manufactured Aerospace Parts After Build

E2661/E2661M-20e1 Standard Practice for Acoustic Emission Examination of Plate-like and Flat Panel Composite Structures Used in Aerospace Applications

E2971-16(2020) Standard Test Method for Determination of Effective Boron-10 Areal Density in Aluminum Neutron Absorbers using Neutron Attenuation Measurements

E2861-16(2020) Standard Test Method for Measurement of Beam Divergence and Alignment in Neutron Radiologic Beams

E2700-20 Standard Practice for Contact Ultrasonic Testing of Welds Using Phased Arrays

E2445/E2445M-20 Standard Practice for Performance Evaluation and Long-Term Stability of Computed Radiography Systems

E2374-16(2021) Standard Guide for Acoustic Emission System Performance Verification

E2984/E2984M-21 Standard Practice for Acoustic Emission Examination of High Pressure, Low Carbon, Forged Piping using Controlled Hydrostatic Pressurization

E3052-21 Standard Practice for Examination of Carbon Steel Welds Using An Eddy Current Array

E2598/E2598M-21 Standard Practice for Acoustic Emission Examination of Cast Iron Yankee and Steam Heated Paper Dryers

E2597/E2597M-22 Standard Practice for Manufacturing Characterization of Digital Detector Arrays

E3185-21 Standard Digital Reference Images for Tin Bronze Castings

E3044/E3044M-22 Standard Practice for Ultrasonic Testing of Polyethylene Butt Fusion Joints

E3327/E3327M-21 Standard Guide for the Qualification and Control of the Assisted Defect Recognition of Digital Radiographic Test Data

E3024/E3024M-22a Standard Practice for Magnetic Particle Testing for General Industry

E2884-22 Standard Guide for Eddy Current Testing of Electrically Conducting Materials Using Conformable Sensor Arrays

E3045-22 Standard Practice for Crack Detection Using Vibroacoustic Thermography

E3353-22 Standard Guide for In-Process Monitoring Using Optical and Thermal Methods for Laser Powder Bed Fusion

E2662-15(2022) Standard Practice for Radiographic Examination of Flat Panel Composites and Sandwich Core Materials Used in Aerospace Applications

E2736-17(2022) Standard Guide for Digital Detector Array Radiography

E2906/E2906M-18(2022) Standard Practice for Acoustic Pulse Reflectometry Examination of Tube Bundles

E2929-18(2022) Standard Practice for Guided Wave Testing of Above Ground Steel Piping with Magnetostrictive Transduction

E2478-11(2022) Standard Practice for Determining Damage-Based Design Stress for Glass Fiber Reinforced Plastic (GFRP) Materials Using Acoustic Emission

E3100-22 Standard Guide for Acoustic Emission Examination of Concrete Structures

E2973-22 Standard Digital Reference Images for Inspection of Aluminum and Magnesium

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E2422-22 Standard Digital Reference Images for Inspection of Aluminum Castings

E2660-22 Standard Digital Reference Images for Investment Steel Castings for Aerospace Applications

E2669-22 Standard Digital Reference Images for Titanium Castings

E2868-22 Standard Digital Reference Images for Steel Castings up to 2 in. (50.8 mm) in Thickness

E2904-22 Standard Practice for Characterization and Verification of Linear Phased Array Ultrasonic Probes

E2375-22 Standard Practice for Ultrasonic Testing of Wrought Products

E3030-19e1 Standard Digital Reference Images for Heavy-Walled (2 to 412 in. (50.8 to 114 mm)) Steel Castings

E3375-23 Standard Practice for Cone Beam Computed Tomographic (CT) Examination

E2928/E2928M-23 Standard Practice for Examination of Drillstring Threads Using the Alternating Current Field Measurement Technique

E3398-23 Standard Guide for Digital Neutron Radiography

E2663-23 Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for Ultrasonic Test Methods

E2738-23 Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for Computed Radiography (CR) Test Methods

E2934-23 Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for Eddy Current (EC) Test Methods

E2446-23 Standard Practice for Manufacturing Characterization of Computed Radiography Systems

E2699-23 Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for Digital X-ray (DX) Test Methods

E3388-23 Standard Practice for Determining Image Unsharpness and Basic Spatial Resolution in Radiography and Radioscopy for High Energy Applications

E2862-23 Standard Practice for Probability of Detection Analysis for Hit/Miss Data

E2491-23 Standard Guide for Evaluating Performance Characteristics of Phased-Array Ultrasonic Testing Instruments and Systems

E2737-23 Standard Practice for Digital Detector Array Performance Evaluation and Long-Term Stability

E3370-23 Standard Practice for Matrix Array Ultrasonic Testing of Composites, Sandwich Core Constructions, and Metals

E3397-23 Standard Practice for Resonance Testing Using the Impulse Excitation Method

E2581-14(2023) Standard Practice for Shearography of Polymer Matrix Composites and Sandwich Core Materials in Aerospace Applications

E2775-16(2023) Standard Practice for Guided Wave Testing of Above Ground Steel Pipework Using Piezoelectric Effect Transduction

E3167/E3167M-18(2023) Standard Practice for Conventional Pulse-Echo Ultrasonic Testing of Polyethylene Electrofusion Joints

E3170/E3170M-18(2023) Standard Practice for Phased Array Ultrasonic Testing of Polyethylene Electrofusion Joints