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E2905/E2905M-20 Standard Practice for Examination of Mill and Kiln Girth Gear Teeth—Electromagnetic Methods

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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

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

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

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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

E2580-24 Standard Practice for Ultrasonic Testing of Flat Panel Composites and Sandwich Core Materials Used in Aerospace Applications

E2446-24 Standard Practice for Manufacturing Characterization of Computed Radiography Systems

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E3440-24 Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for Thermography (TG) Test Methods

E2903-18(2024) Standard Test Method for Measurement of the Effective Focal Spot Size of Mini and Micro Focus X-ray Tubes

E3213-19(2024) Standard Practice for Part-to-Itself Examination Using Process Compensated Resonance Testing Via Swept Sine Input for Metallic and Non-Metallic Parts