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Particle and Spray Characterization; Forensic Sciences; Accreditation & Certification; Forensic Psychophysiology; Nanotechnology; Forensic Engineering

E11-17 Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves

E161-17 Standard Specification for Electroformed Material and Test Sieves

E323-11(2016) Standard Specification for Perforated-Plate Sieves for Testing Purposes

E454-12(2016) Standard Specification for Industrial Perforated Plate and Screens (Square Opening Series)

E541-10 Standard Specification for Agencies Engaged in System Analysis and Compliance Assurance for Manufactured Building

E620-18 Standard Practice for Reporting Opinions of Scientific or Technical Experts

E674-12(2016) Standard Specification for Industrial Perforated Plate and Screens (Round Opening Series)

E678-07(2013) Standard Practice for Evaluation of Scientific or Technical Data

E699-16 Standard Specification for Agencies Involved in Testing, Quality Assurance, and Evaluating of Manufactured Building Components

E799-03(2015) Standard Practice for Determining Data Criteria and Processing for Liquid Drop Size Analysis

E860-07(2013)e2 Standard Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation

E1020-13e1 Standard Practice for Reporting Incidents that May Involve Criminal or Civil Litigation

E1188-11(2017) Standard Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator

E1260-03(2015) Standard Test Method for Determining Liquid Drop Size Characteristics in a Spray Using Optical Nonimaging Light-Scattering Instruments

E1386-15 Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Solvent Extraction

E1388-17 Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples

E1412-16 Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration With Activated Charcoal

E1413-13 Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration

E1458-12(2016) Standard Test Method for Calibration Verification of Laser Diffraction Particle Sizing Instruments Using Photomask Reticles

E1459-13 Standard Guide for Physical Evidence Labeling and Related Documentation

E1492-11(2017) Standard Practice for Receiving, Documenting, Storing, and Retrieving Evidence in a Forensic Science Laboratory

E1588-17 Standard Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry

E1610-18 Standard Guide for Forensic Paint Analysis and Comparison

E1617-09(2014)e1 Standard Practice for Reporting Particle Size Characterization Data

E1618-14 Standard Test Method for Ignitable Liquid Residues in Extracts from Fire Debris Samples by Gas Chromatography-Mass Spectrometry

E1620-97(2016) Standard Terminology Relating to Liquid Particles and Atomization

E1638-13 Standard Terminology Relating to Sieves, Sieving Methods, and Screening Media

E1732-17 Standard Terminology Relating to Forensic Science

E1843-16 Standard Guide for Sexual Assault Investigation, Examination, and Evidence Collection

E1954-05(2017) Standard Practice for Conduct of Research in Psychophysiological Detection of Deception (Polygraph)

E1967-11a Standard Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope

E1968-11 Standard Guide for Microcrystal Testing in the Forensic Analysis of Cocaine

E1969-11 Standard Guide for Microcrystal Testing in the Forensic Analysis of Methamphetamine and Amphetamine

E2016-15 Standard Specification for Industrial Woven Wire Cloth

E2031-99(2016) Standard Practice for Quality Control of Psychophysiological Detection of Deception (Polygraph) Examinations

E2035-12(2017) Standard Terminology Relating to Forensic Psychophysiology

E2057-10(2015) Standard Specifications for Preparation of Laboratory Analysis Requests in Sexual Assault Investigations

E2062-11(2017) Standard Guide for PDD Examination Standards of Practice

E2063-12(2017) Standard Practice for Calibration and Functionality Checks Used in Forensic Psychophysiological Detection of Deception (Polygraph) Examinations

E2064-00(2014) Standard Guide for Minimum Continuing Education of Individuals Involved in Psychophysiological Detection of Deception (PDD)

E2065-11 Standard Guide for Ethical Requirements for Psychophysiological Detection of Deception (PDD) Examiners

E2080-14 Standard Guide for Clinical Psychophysiological Detection of Deception (PDD) Examinations for Sex Offenders

E2123-16 Standard Practice for Transmittal of Evidence in Sexual Assault Investigation

E2124-15 Standard Practice for Specification for Equipment and Supplies in Sexual Assault Investigations

E2125-11 Standard Guide for Microcrystal Testing in the Forensic Analysis of Phencyclidine and Its Analogues

E2154-15a Standard Practice for Separation and Concentration of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Solid Phase Microextraction (SPME)

E2159-15 Standard Guide for Selection, Assignment, and Monitoring of Persons To Be Utilized as Assessors/Auditors or Technical Experts

E2163-06(2014) Standard Guide for Minimum Training Requirements for Examiners Conducting Psychophysiological Detection of Deception (PDD) Testing of Sex Offenders in Treatment, Probation or Other Similar Programs

E2224-10 Standard Guide for Forensic Analysis of Fibers by Infrared Spectroscopy

E2225-10 Standard Guide for Forensic Examination of Fabrics and Cordage

E2227-13 Standard Guide for Forensic Examination of Non-Reactive Dyes in Textile Fibers by Thin-Layer Chromatography

E2228-10 Standard Guide for Microscopic Examination of Textile Fibers

E2229-09(2018) Standard Practices for Interpretation of Psychophysiological Detection of Deception (Polygraph) Data

E2292-14 Standard Guide for Field Investigation of Carbon Monoxide Poisoning Incidents

E2324-04(2017) Standard Guide for PDD Paired Testing

E2326-14 Standard Practice for Education and Training of Seized-Drug Analysts

E2327-15e1 Standard Practice for Quality Assurance of Laboratories Performing Seized-Drug Analysis

E2329-17 Standard Practice for Identification of Seized Drugs

E2330-12 Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparisons

E2386-04(2017) Standard Guide for Conduct of PDD Screening Examinations

E2388-11 Standard Guide for Minimum Training Requirements for Forensic Document Examiners

E2427-13 Standard Test Method for Acceptance by Performance Testing for Sieves

E2439-09(2016) Standard Guide for Instrumentation, Sensors and Operating Software Used in Forensic Psychophysiological Detection of Deception (Polygraph) Examinations

E2451-13 Standard Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples

E2490-09(2015) Standard Guide for Measurement of Particle Size Distribution of Nanomaterials in Suspension by Photon Correlation Spectroscopy (PCS)

E2524-08(2013) Standard Test Method for Analysis of Hemolytic Properties of Nanoparticles

E2525-08(2013) Standard Test Method for Evaluation of the Effect of Nanoparticulate Materials on the Formation of Mouse Granulocyte-Macrophage Colonies

E2526-08(2013) Standard Test Method for Evaluation of Cytotoxicity of Nanoparticulate Materials in Porcine Kidney Cells and Human Hepatocarcinoma Cells

E2535-07(2013) Standard Guide for Handling Unbound Engineered Nanoscale Particles in Occupational Settings

E2548-16 Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis

E2549-14 Standard Practice for Validation of Seized-Drug Analytical Methods

E2578-07(2018) Standard Practice for Calculation of Mean Sizes/Diameters and Standard Deviations of Particle Size Distributions

E2589-11(2016) Standard Terminology Relating to Nonsieving Methods of Powder Characterization

E2651-13 Standard Guide for Powder Particle Size Analysis

E2659-18 Standard Practice for Certificate Programs

E2678-09(2014) Standard Guide for Education and Training in Computer Forensics

E2708-18 Standard Terminology for Accreditation and Certification

E2710-11e1 Standard Guide for Preservation of Charred Documents

E2711-11 Standard Guide for Preservation of Liquid Soaked Documents

E2713-11 Standard Guide to Forensic Engineering

E2763-10 Standard Practice for Computer Forensics

E2764-11 Standard Practice for Uncertainty Assessment in the Context of Seized-Drug Analysis

E2765-11 Standard Practice for Use of Image Capture and Storage Technology in Forensic Document Examination

E2808-11 Standard Guide for Microspectrophotometry and Color Measurement in Forensic Paint Analysis

E2809-13 Standard Guide for Using Scanning Electron Microscopy/X-Ray Spectrometry in Forensic Paint Examinations

E2814-11 Standard Guide for Industrial Woven Wire Filter Cloth

E2825-18 Standard Guide for Forensic Digital Image Processing

E2833-12(2018) Standard Practice for Certification Bodies that Certify Personnel Engaged in Inspection and Testing of Construction Activities and Materials Used in Construction, Including Special Inspection

E2834-12(2018) Standard Guide for Measurement of Particle Size Distribution of Nanomaterials in Suspension by Nanoparticle Tracking Analysis (NTA)

E2849-13 Standard Practice for Professional Certification Performance Testing

E2859-11(2017) Standard Guide for Size Measurement of Nanoparticles Using Atomic Force Microscopy

E2864-13 Standard Test Method for Measurement of Airborne Metal and Metal Oxide Nanoparticle Surface Area Concentration in Inhalation Exposure Chambers using Krypton Gas Adsorption

E2865-12(2018) Standard Guide for Measurement of Electrophoretic Mobility and Zeta Potential of Nanosized Biological Materials

E2872-14 Standard Guide for Determining Cross-Section Averaged Characteristics of a Spray Using Laser-Diffraction Instruments in a Wind Tunnel Apparatus

E2881-13e1 Standard Test Method for Extraction and Derivatization of Vegetable Oils and Fats from Fire Debris and Liquid Samples with Analysis by Gas Chromatography-Mass Spectrometry

E2882-12 Standard Guide for Analysis of Clandestine Drug Laboratory Evidence

E2909-13 Standard Guide for Investigation/Study/Assay Tab-Delimited Format for Nanotechnologies (ISA-TAB-Nano): Standard File Format for the Submission and Exchange of Data on Nanomaterials and Characterizations

E2916-13 Standard Terminology for Digital and Multimedia Evidence Examination

E2926-17 Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (μ -XRF) Spectrometry

E2927-16e1 Standard Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Plasma Mass Spectrometry for Forensic Comparisons

E2937-18 Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations

E2980-15 Standard Test Methods for Estimating Average Particle Size of Powders Using Air Permeability

E2996-15 Standard Guide for Workforce Education in Nanotechnology Health and Safety

E2997-16 Standard Test Method for Analysis of Biodiesel Products by Gas Chromatography-Mass Spectrometry

E2998-16 Standard Practice for Characterization and Classification of Smokeless Powder

E2999-17 Standard Test Method for Analysis of Organic Compounds in Smokeless Powder by Gas Chromatography-Mass Spectrometry and Fourier Transform Infrared Spectroscopy

E3001-15 Standard Practice for Workforce Education in Nanotechnology Characterization

E3016-15e1 Standard Guide for Establishing Confidence in Digital Forensic Results by Error Mitigation Analysis

E3017-15 Standard Practice for Examining Magnetic Card Readers

E3025-16 Standard Guide for Tiered Approach to Detection and Characterization of Silver Nanomaterials in Textiles

E3034-15 Standard Guide for Workforce Education in Nanotechnology Pattern Generation

E3046-15 Standard Guide for Core Competencies for Mobile Phone Forensics

E3059-16 Standard Guide for Workforce Education in Nanotechnology Infrastructure

E3071-16 Standard Guide for Nanotechnology Workforce Education in Materials Synthesis and Processing

E3085-17 Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations

E3089-17 Standard Guide for Nanotechnology Workforce Education in Material Properties and Effects of Size

E3115-17 Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems

E3143-18 Standard Practice for Performing Cryo-Transmission Electron Microscopy of Liposomes

E3148-18 Standard Guide for Postmortem Facial Image Capture