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Contents

02 Building and Construction: Asphalt
03 Building and Construction: Performance of Buildings, Construction Materials
05 Building and Construction: Masonry
Corrosion
Cannabis
06 Emerging Technologies
Environment
07 Lab and Field Fundamentals
Lightsport Aircraft
Metals and Mechanical Testing
08 Petroleum
11 D4057 Petroleum Sampling
Liquefied Petroleum Gasoline
Plastics
Statistics
12 Capacitación en español
Treinamento em Português

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sales@astm.org | tel +1.877.909.ASTM
eLearning
BUILDING AND CONSTRUCTION

Asphalt

eLearning Program: Asphalt eLearning
- Emulsified Asphalt
- Asphalt Binder
- Asphalt Mixture
- Asphalt Mixture Field Technician eLearning Program (NEW)
- Performance Grade Bitumen (NEW)

ASTM D5 — Standard Test Method for Water and Sediment in Crude Oil by the Centrifuge Method (Laboratory Procedure)
ASTM D6 — Standard Test Method for Loss on Heating of Oil and Asphaltic Compounds
ASTM D36 — Standard Test Method for Water and Sediment in Crude Oil by the Centrifuge Method (Laboratory Procedure)
ASTM D140 — Standard Practice for Sampling Asphalt Materials
ASTM D244 — Standard Test Methods and Practices for Emulsified Asphalts
ASTM D244 — Standard Test Methods and Practices for Emulsified Asphalts
ASTM D979/D979M — Standard Practice for Sampling Bituminous Paving Mixtures
ASTM D2041 — Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2166 — Standard Test Method for Unconfined Compressive Strength of Cohesive Soil
ASTM D2171 — Standard Test Method for Viscosity of Asphalts by Vacuum Capillary Viscometer
ASTM D2726 — Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
ASTM D2872 — Standard Test Method for Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test)
ASTM D3203 — Standard Test Method for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures
ASTM D3549 — Standard Test Method for Thickness or Height of Compacted Asphalt Mixture Specimens
ASTM D3665 — Standard Practice for Random Sampling of Construction Materials)
ASTM D4867 — Standard Test Method for Effect of Moisture on Asphalt Concrete Paving Mixtures
ASTM D5361 — Standard Practice for Sampling Compacted Asphalt Mixtures for Laboratory Testing
ASTM D5444 — Standard Test Method for Mechanical Size Analysis of Extracted Aggregate
ASTM D6933 — Standard Test Method for Oversized Particles in Emulsified Asphalts (Sieve Test)
ASTM D6934 — Standard Test Method for Residue by Evaporation of Emulsified Asphalt
ASTM D6938 — Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
ASTM D6997 — Standard Test Method for Distillation of Emulsified Asphalt
ASTM D6999 — Standard Practice for Miscibility of Emulsified Asphalts
ASTM D7227 — Standard Practice for Rapid Drying of Compacted Asphalt Specimens Using Vacuum Drying Apparatus
ASTM D8225 — Standard Test Method for Determination of Cracking Tolerance Index of Asphalt Mixture Using the Indirect Tensile Cracking Test at Intermediate Temperature
ASTM D7906 — Standard Practice for Recovery of Asphalt from Solution Using Toluene and the Rotary Evaporator

Return to Table of Contents
Performance of Buildings

eLearning Program
- Building Enclosure Testing

ASTM E283/E283M (NEW) — Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

ASTM E331 (NEW) — Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference

ASTM E783 (NEW) — Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors

ASTM E1105 (NEW) — Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference

Construction Materials

Concrete Field and Concrete Strength are now available in English, Spanish and Portuguese
eLearning Program: Construction Materials eLearning
- Aggregate Base
- Aggregate
- Asphalt Aggregate Laboratory Technician
- Cement
- Concrete Field
- Concrete Laboratory
- Concrete Strength
- Geotechnical Testing (NEW)
- Rock Mechanics
- Self-Consolidating Concrete
- Soil Compaction Quality Control
- Soil Laboratory Technician (NEW)

ASTM C29/C29M — Standard Test Method for Bulk Density (“Unit Weight”) and Void in Aggregate

ASTM C31/C31M — Standard Test Practice for Making and Curing Concrete Test Specimens in the Field


ASTM C40/C40M — Standard Test Method for Organic Impurities in Fine Aggregates for Concrete

ASTM C70 — Standard Test Method for Surface Moisture in Fine Aggregate

ASTM C78/C78M — Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third Point Loading)

ASTM C88/C88M — Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate


ASTM C117 — Standard Test Method for Materials finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing

ASTM C127 — Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate

ASTM C128 — Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate


ASTM C138/C138M — Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete

ASTM C143/C143M — Standard Test Method for Slump of Hydraulic Cement Concrete

ASTM C172/C172M — Standard Practice for Sampling Freshly Mixed Concrete

ASTM C173/C173M — Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method

ASTM C185 — Standard Test Method for Air Content of Hydraulic Cement Mortar


ASTM C204 — Standard Test Methods for Fineness of Hydraulic Cement by Air-Permeability

Return to Table of Contents
ASTM C215 — Standard Test Method for Fundamental Transverse, Longitudinal, and Torsional Resonant Frequencies of Concrete Specimens

ASTM C231/C231M — Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method


ASTM C305 — Standard Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency

ASTM C430 — Standard Test Method for Fineness of Hydraulic Cement by the 45-um 325 Sieve


ASTM C490 — Standard Practice for Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete

ASTM C566 — Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying

ASTM C617 — Standard Practice for Capping Cylindrical Concrete Specimens

ASTM C666 — Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing

ASTM C702/C702M — Standard Practice for Reducing Samples of Aggregate to Testing Size

ASTM C1064/C1064M — Standard Test Method for Temperature of Freshly Mixed Hydraulic Cement Concrete

ASTM C1202 — Standard Test Method for Electrical Indication of Concrete’s Ability to Resist Chloride Ion Penetration

ASTM C1231/C1231M — Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders


ASTM C1293 — Standard Test Method for Determination of Length Change of Concrete Due to Alkali-Silica Reaction


ASTM C1611/C1611M — Standard Test Method for Slump Flow of Self-Consolidating Concrete

ASTM C1621/C1621M — Standard Test Method for Passing Ability of Self-Consolidating Concrete by J-Ring

ASTM C1712 — Standard Test Method for Rapid Assessment of Static Segregation Resistance of Self-Consolidating Concrete Using Penetration Test

ASTM C1758/C1758M — Standard Practice for Fabricating Test Specimens with Self-Consolidating Concrete

ASTM D75/D75M — Standard Practice for Sampling Aggregates

ASTM D421 — Standard Practice for Dry Preparation of Soil Samples for Particle-Size Analysis (Withdrawn)

ASTM D422 — Standard Test Method for Particle-Size Analysis (Withdrawn)

ASTM D698 — Standard Test Methods for Laboratory Compaction of Soil Standard Effort

ASTM D1557 — Standard Test Methods for Laboratory Compaction of Soil Modified Effort

ASTM D2216 — Standard Test Methods for Lab Determination of Water Content of Soil


ASTM D2435 (NEW) — Standard Test Methods for One-Dimensional Consolidation Properties of Soils Using Incremental Loading

ASTM D2850 (NEW) — Standard Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils

ASTM D4318 — Standard Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils

ASTM D4543 — Standard Practices for Preparing Rock Core as Cylindrical Test Specimens

ASTM D4767 — Standard Test Method for Consolidated Undrained Triaxial Compression Test for Cohesive Soils

ASTM D4791 — Standard Test Method for Consolidated Undrained Triaxial Compression Test for Cohesive Soils


ASTM D5607 — Standard Test Method for Performing Laboratory Direct Shear Strength Tests of Rock Specimens Under Constant Normal Force

Return to Table of Contents
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CANNABIS

eLearning Programs:
- Cannabis Laboratory Testing (NEW)
- Quality Management Systems for the Cannabis Industry (also available in Spanish)
- Security for the Cannabis Industry

Cannabis Science: Understanding the Role of Water Activity in Safety and Quality
Introduction to Corrective Action Preventive Action, CAPA, for the Cannabis Industry

ASTM D8205 — Standard Guide for Video Surveillance System
ASTM D8217 — Standard Guide for Access Control System
ASTM D8222 — Standard Guide for Establishing a QMS for Consumer Use of Cannabis/Hemp Complaints
ASTM D8250 — Standard Practice for Applying a HACCP System for Cannabis Consumable Products
ASTM D8286 — Standard Guide for Processing Cannabis Product Complaints
ASTM D8308 — Standard Practice for Cannabis/Hemp Operation Compliance Audits
ASTM D8320 — Standard Practice for Implementing an Information Security Program in a Cannabis Operation
ASTM D8375 (NEW) — Standard Test Method for Determination of Cannabinoid Concentration in Dried Cannabis and Hemp Raw Materials using Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)
ASTM D8399 (NEW) — Standard Test Method for Multi-residue Analysis of Pesticides in Dried Cannabis and Hemp Raw Materials Using Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
ASTM D8469 (NEW) — Standard Test Method for Analysis of Multiple Elements in Cannabis Matrices by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) -- eLearning Course

ASTM D5821 — Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate
ASTM D7012 — Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures
ASTM D7181 — Standard Test Method for Consolidated Drained Triaxial Compression Test for Soils
ASTM D7928 — Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis
- Soil Compaction Quality Control: Laboratory Compaction Tests
- Soil Compaction Quality Control: Means, Methods, and Mechanics of Compaction
- Soil Compaction Quality Control: Quality Control and the Coordinated Use of Lab and In-Place Tests
- Soil Compaction Quality Control: Tests for Determining Density or Unit Weight of Soil In-Place
- Soil Compaction Quality Control: Tests for Determining the Water Content of Soils

Soil Compaction Quality Control: Laboratory Compaction Tests
Soil Compaction Quality Control: Means, Methods, and Mechanics of Compaction
Soil Compaction Quality Control: Quality Control and the Coordinated Use of Lab and In-Place Tests
Soil Compaction Quality Control: Tests for Determining Density or Unit Weight of Soil In-Place
Soil Compaction Quality Control: Tests for Determining the Water Content of Soils

Masonry

eLearning Program: Masonry eLearning
ASTM C140 — Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
ASTM C780 — Standard Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry
ASTM C1314 — Standard Test Method for Compressive Strength of Masonry Prisms
ASTM C1552 — Standard Practice for Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing

ASTM D8205 — Standard Guide for Video Surveillance System
ASTM D8217 — Standard Guide for Access Control System
ASTM D8222 — Standard Guide for Establishing a QMS for Consumer Use of Cannabis/Hemp Complaints
ASTM D8250 — Standard Practice for Applying a Hazard Analysis Critical Control Points (HACCP) System for Cannabis Consumable Products
ASTM D8286 — Standard Guide for Processing Cannabis Product Complaints
ASTM D8308 — Standard Practice for Cannabis/Hemp Operation Compliance Audits
ASTM D8320 — Standard Practice for Implementing an Information Security Program in a Cannabis Operation
ASTM D8375 (NEW) — Standard Test Method for Determination of Cannabinoid Concentration in Dried Cannabis and Hemp Raw Materials using Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)
ASTM D8399 (NEW) — Standard Test Method for Multi-residue Analysis of Pesticides in Dried Cannabis and Hemp Raw Materials Using Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)
ASTM D8469 (NEW) — Standard Test Method for Analysis of Multiple Elements in Cannabis Matrices by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) -- eLearning Course

Masonry

eLearning Program: Masonry eLearning
ASTM C140 — Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
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ASTM C1314 — Standard Test Method for Compressive Strength of Masonry Prisms
ASTM C1552 — Standard Practice for Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing

ASTM B117 (NEW) — Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM G85 (NEW) — Standard Practice for Modified Salt Spray (Fog) Testing

Corrosion eLearning

ASTM B117 (NEW) — Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM G85 (NEW) — Standard Practice for Modified Salt Spray (Fog) Testing

Return to Table of Contents
eLearning

EMERGING TECHNOLOGIES

Autonomy in Aviation (NEW)
- Autonomy Design and Operations in Aviation: Terminology and Requirements Framework – Microlearning
- Developmental Pillars of Increased Autonomy for Aircraft Systems – Microlearning

Exotechnology
- Applications for Exoskeltons Webinar OnDemand
- Exoskeleton and PPE Interface Challenges Roundtable OnDemand

Unmanned Aircraft Systems (NEW)
- How to Use ASTM F3586 Remote ID Means of Compliance for FAA Regulation 14 CFR Part 89

Additive Manufacturing

eLearning Programs:
- Additive Manufacturing Data Management Program
- Additive Manufacturing Design Program
- Additive Manufacturing Processes Program
- Additive Manufacturing with Metals Program
- Additive Manufacturing: Laser Powder Bed Fusion
- Additive Manufacturing Testing Program

Additive Manufacturing Data Management: Part 1 - Webinar OnDemand
Additive Manufacturing Data Management: Part 2 - Webinar OnDemand
Additive Manufacturing Safety Certificate
Design for Additive Manufacturing: Part 1 - Webinar OnDemand
Design for Additive Manufacturing: Part 2 - Webinar OnDemand
Determining the Suitability of Parts for AM - Webinar OnDemand
Multi-Material Processing in Additive Manufacturing - Webinar OnDemand
AM Feedstock Part 1: Metal Powder Characterization and Specification - Webinar OnDemand
AM Feedstock Part 2: Developing Strategies for Metal Powder Reuse - Webinar OnDemand
Metallurgical Principles for PBF Processes - Webinar OnDemand
Microstructural Control during Metal Additive Manufacturing - Webinar OnDemand
Principles of Additive Manufacturing
Understanding Qualification and Certification for Additive Manufacturing, with a Focus on Medical - Webinar OnDemand
What’s in a Word? The background and fundamental principles for standard terminology in additive manufacturing - Webinar OnDemand
Additive Manufacturing Processes: Principles of DED - Webinar OnDemand
Additive Manufacturing Processes: Principles of Polymer AM - Webinar OnDemand
Additive Manufacturing Processes: Principles of Binder Jetting - Webinar OnDemand
Sinter-based AM: Principles of Debinding and Sintering - Webinar OnDemand
Wire based DED - Part 2: Material Properties and their Enhancements - Webinar OnDemand
In-situ Monitoring and Control in PBF Process - Webinar OnDemand
Metal AM - Hidden Challenges - Webinar OnDemand
NDT for Additive Manufacturing Parts - Webinar OnDemand
Novel Mechanical Test Methods for Additive Manufactured Materials - Webinar OnDemand
Multi-Scanner PBF-LB/M Processing - Webinar OnDemand
Metal PBF-LB Build Orientation and Supports Considerations - Webinar OnDemand
Design for AM: Understanding Value - Webinar OnDemand
Overview of Cold Spray as a Manufacturing Process - Webinar OnDemand

Phase I and II Environmental Site Assessment eLearning Program:
ASTM E1527 — Environmental Site Assessments for Commercial Real Estate
ASTM E1903 — Phase II Environmental Site Assessment
ASTM E2018 — Property Condition Assessment
ASTM E2091 — Standard Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls
ASTM E2600 — Standard Guide for Vapor Encroachment Screening on Property

Return to Table of Contents
eLearning LAB AND FIELD FUNDAMENTALS

- ASTM 101: An introduction to ASTM Standards
- Pre-Math Basics
- Math Basics for Asphalts
- Math Basics for Concrete
- Math Basics for Concrete Strength
- Math Basics for Soil
- Test Sieving
- Quality Management 101 Series
- The Art of Perfect Analysis
- Precision and Bias
- Trips, Slips, and Falls Interactive Learning Experience

360 Immersive

360 Immersive eLearning Courses offered by ASTM International, in partnership with 360 Immersive:

eLearning Programs:
- My Virtual Safety Trainer for Construction
- My Virtual Safety Trainer for General Industry
- Bloodborne Pathogens
- Caught in and Caught between Awareness
- Confined Spaces & PRCS: General Awareness
- Confined Spaces & PRCS: Types & Rescue Requirements
- Confined Spaces & PRCS: The Permit
- Earthmoving Equipment
- Electrical Equipment Inspection
- Electrical Hazards à• fi Be Safe Part 1 and Part 2
- Electrocuton Awareness
- Electrical GFCI & AEGCP Awareness
- Emergency Action Plan & Medical Services
- Emergency Planning: Exits and Egress
- Fall Protection Systems Awareness

eLearning LIGHT SPORT AIRCRAFT

- ASTM Standards for Light Sport Aircraft

Return to Table of Contents
eLearning
METALS AND MECHANICAL TESTING

eLearning Programs:
- Mechanical Testing and Definitions
  - ASTM A370 — Standard Test Methods and Definitions for Mechanical Testing of Steel Products
  - ASTM E10 — Brinell Hardness of Metallic Materials
  - ASTM E18 — Standard Test Method for Rockwell Hardness of Metallic Materials
  - ASTM E23 — Notched Bar Impact Testing of Metallic Materials
    - Failure Analysis of Metals
    - Principles of Metallurgy

ASM International

eLearning courses offered by ASTM International, in partnership with ASM:
- Corrosion Testing and Monitoring
- Materials Characterization and the Selection Process
- Mechanical Properties and Their Measurement
- Types of Corrosion
- Metallographic Techniques, Part 1
- Metallographic Techniques, Part 2
- Basics of Welding

American Welding Society

eLearning courses offered by ASTM International, in partnership with AWS:
- API 1104 Code Clinic
- Destructive Testing
- Economics of Welding
- Fabrication Math I
- Fabrication Math II
- Safety in Welding
- The Science of Nondestructive Testing
- Understanding Welding Symbols
- Welding Fundamentals II
- Welding Sales Representative
- WPS/PQR Explained

CASTI

- ASTM Standards: Carbon & Alloy Steel
- ASTM Standards: Making Wrought Products
- ASTM Standards: ASTM Steel Standards Structure

OXYGEN

- Fire Hazards In Oxygen Systems
- Oxygen Systems Operations and Maintenance

ENERGY

eLearning Programs:
- #2 Diesel Fuel
- #6 Fuel Oil
- Aviation Jet Fuel
- Base Oil
- Cetane
- Biodiesel
- Crude Oil
- Engine Oil Lubricants
- Fuel Ethanol
- Motor Gasoline
- Reformulated Gasoline
- Ultra-Low Sulfur Diesel

ASTM D56 — Standard Test Method for Flash Point by Tag Closed Cup Tester

ASTM D86 — Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure

Return to Table of Contents
ASTM D92 — Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
ASTM D93 — Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester
ASTM D95 — Standard Test Method for Water in Petroleum Products and Bituminous Materials
ASTM D97 — Standard Test Method for Pour Point of Petroleum Products
ASTM D129 — Standard Test Method for Sulfur in Petroleum Products (General High Pressure Decomposition Device Method)
ASTM D130 — Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test
ASTM D156 — Standard Test Method for Saybolt Color of Petroleum Products
ASTM D240 (NEW) — Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter
ASTM D323 (NEW) — Standard Test Method for Vapor Pressure of Petroleum Products (Reid Method)
ASTM D381 — Standard Test Method for Gum Content in Fuels by Jet Evaporation
ASTM D445 — Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids
ASTM D482 — Standard Test Method for Ash from Petroleum Products
ASTM D611 — Standard Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents
ASTM D613 — Standard Test Method for Cetane Number of Diesel Fuel Oil
ASTM D664 — Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration
ASTM D874 — Standard Test Method for Sulfated Ash from Lubricating Oils and Additives
ASTM D974 — Standard Test Method for Acid and Base Number by Color-Indicator Titration
ASTM D1319 — Standard Test Method for Hydrocarbons Types in Liquid Petroleum Product by FIA
ASTM D1322 — Standard Test Method for Smoke Point of Kerosene and Aviation Turbine Fuel

ASTM D2386 — Standard Test Method for Freezing Point of Aviation Fuels
ASTM D2500 — Standard Test Method for Cloud Point of Petroleum Products
ASTM D2624 — Standard Test Method for Electrical Conductivity of Aviation and Distillate Fuels
ASTM D2709 — Standard Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge
ASTM D2896 — Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration
ASTM D3227 — Standard Test Method for Sulfur in Gasoline, Kerosene, Aviation Turbine and Distillate Fuels
ASTM D3230 — Standard Test Method for Salts in Crude Oil
ASTM D3242 — Standard Test Method for Acidity in Aviation Turbine Fuel

Return to Table of Contents
ASTM D3606 — Standard Test Method for Determination of Benzene and Toluene in Spark Ignition Fuels by Gas Chromatography Procedure B Only
ASTM D3828 — Standard Test Methods for Flash Point by Small Scale Closed Cup Tester
ASTM D4006 — Standard Test Method Water in Crude Oil by Distillation
ASTM D4308 — Standard Test Method for Determination of Electrical Conductivity of Liquid Hydrocarbon by Precision Meter
ASTM D4739 — Standard Test Method for Base Number Determination by Potentiometric Hydrochloric Acid Titration
ASTM D4741 — Standard Test Method for Measuring Viscosity at High Temperature and High Shear Rate by Tapered-Plug Viscometer
ASTM D4807 — Standard Test Method for Sediment in Crude Oil by Membrane Filtration
ASTM D4815 — Standard Test Method for Determination of MTBE, ETBE, TAME, DIPE, Gas Chromatography
ASTM D4860 — Standard Test Method for Free Water and Particulate Contamination in Middle Distillate Fuels (Clear and Bright Numerical Rating)
ASTM D4952 (NEW) — Standard Test Method for Qualitative Analysis for Active Sulfur Species in Fuels and Solvents (Doctor Test)
ASTM D5001 — Standard Test Method for Measurement of Lubricity of Aviation Turbine Fuels by the Ball-on-Cylinder Lubricity Evaluator (BOCLE)
ASTM D5191 — Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method)
ASTM D5293 — Standard Test Method for Apparent Viscosity of Engine Oils and Base Stocks Between -10 °C and -35 °C Using Cold-Cranking Simulator
ASTM D5481 — Standard Test Method for Measuring Apparent Viscosity at High-Temperature and High-Shear Rate by Multicell Capillary Viscometer
ASTM D5501 — Standard Test Method for Determination of Ethanol and Methanol Content in Fuels Containing Greater than 20% Ethanol by Gas Chromatography
ASTM D5599 — Standard Test Method for Determination of Oxygenates in Gasoline by Gas
ASTM D5769 — Standard Test Method for Determination of Benzene, Toluene, and Total Aromatics in Finished Gasolines by Gas Chromatography/Mass Spectrometry
ASTM D5800 — Standard Test Method for Evaporation Loss of Lubricating Oils by the Noack Method
ASTM D6079 — Standard Test Method for Evaluating Lubricity of Diesel Fuels by the High Frequency Rig


ASTM D6371 — Standard Test Method for Cold Filter Plugging Point of Diesel and Heating Fuels


ASTM D6426 — Standard Test Method for Determining Filterability of Middle Distillate Fuel Oils

ASTM D6468 — Standard Test Method for High Temperature Stability of Middle Distillate Fuels


ASTM D6584 — Standard Test Method for Determination of Total Monoglyceride, Total Diglyceride

ASTM D6824 — Standard Test Method for Determining Filterability of Aviation Turbine Fuel

ASTM D7042 — Standard Test Method for Dynamic Viscosity and Density of Liquids by Stabinger Viscometer (and the Calculation of Kinematic Viscosity)


ASTM D7318 — Standard Test Method for Existant Inorganic Sulfate in Ethanol by Potentiometric Titration

ASTM D7319 — Standard Test Method for Determination of Existant and Potential Sulfate and Inorganic Chloride in Fuel Ethanol and Butanol by Direct Injection Suppressed Ion Chromatography

ASTM D7321 — Standard Test Method for Particulate Contamination of Biodiesel B100 Blend Stock Biodiesel Esters and Biodiesel Blends by Laboratory Filtration


ASTM D7688 — Standard Test Method for Evaluating Lubricity of Diesel Fuels by the High Frequency Rig

ASTM D7795 — Standard Test Method for Acidity in Ethanol and Ethanol Blends by Titration

- Flash Point: Preparation, Verification, and Maintenance of Apparatus
- Flash Point: Sampling and Test Specimens
- General Fuel Handling
- Microbial Contamination Detection
- Filtration Equipment
- Water Detection
- Particulate Detection
- ASTM D130: Section 10 Microlearning
- ASTM D86: Section 8 Microlearning
- ASTM D93: Annex A1 Microlearning
- ASTM D1319: Section 10 Microlearning
- ASTM D1319: Section 10 Microlearning
- ASTM D5191: Section 8 Microlearning
- Standards Comparison: ASTM D482 | ISO 6245
- Standard Comparison: ASTM D7688–18 | ISO 12156-1:2018 (Method B)
- Standard Comparison: ASTM D2500–17a | ISO 3015:2019
- Standard Comparison: ASTM D6079–18 | ISO 12156–1:2018 (Method A)
eLearning
PETROLEUM INSPECTORS

eLearning Programs:
- D4057 eLearning
  Available in English, Spanish, and Portuguese

Individual Courses:
- D4057 eLearning Course
- D4057 Microlearning: Running and All Levels Sampling Microlearning
- D4057 Microlearning: Sampler Types for Closed and Restricted Sampling Microlearning
- D4057 Microlearning: Spot Sampling Microlearning
- D4057 Microlearning: Tank Tap Sampling Microlearning
- Manual Tank Gauging (NEW)

eLearning
LIQUEFIED PETROLEUM GASOLINE
Available in English, Spanish, and Portuguese

eLearning Programs:
- LPG eLearning

Individual Courses:
- D1267 Standard Test Method for Gauge Vapor Pressure of Liquefied Petroleum (LP) Gases
- D2713 Standard Test Method for Dryness of Propane
- D3700 Standard Practice for Obtaining LPG Samples Using a Floating Piston Cylinder
- D6667 Standard Test Method for Determination of Total Volatile Sulfur in Gaseous Hydrocarbons and Liquefied Petroleum Gases by Ultraviolet Fluorescence

eLearning
PLASTICS

- The Basics of Plastics Testing
- Classifications and Definitions of Plastics Testing
- General Guidelines for Plastics Testing
- Measuring Mechanical Properties of Plastics
- Responses to Flame Exposure

eLearning
STATISTICS

- Understanding Test Method Precision, Bias, ILS Design, Statistical Quality Control Charts, and Work Process

eLearning
CAPACITACIÓN EN ESPAÑOL

Construcción
- Capacitación en pruebas de campo del hormigón: Serie de aprendizaje electrónico
- Capacitación en pruebas de resistencia del hormigón: Serie de aprendizaje electrónico

Corrosión
- ASTM Procedimiento estandar ASTM B117 – Curso de aprendizaje electrónico (ES)

Petróleo
- Gas licuado del petróleo Programa completado
- Muestreo de petróleo por ASTM D4057 Programa completado
- Método de prueba estandar ASTM D86 – Curso de aprendizaje electrónico
- Métodos de prueba estandar D93 de ASTM – Curso de aprendizaje electrónico
- Método de prueba estandar D445 de ASTM – Curso de aprendizaje electrónico
- Método de prueba estandar ASTM D2500 – Curso de aprendizaje electrónico
- Método de prueba estandar ASTM D5453 – Curso de aprendizaje electrónico

Cannabis
- Sistemas de gestión de calidad para programa de aprendizaje electrónico de la industria del cannabis

eLearning
TREINAMENTO EM PORTUGUÊS

Construção
- Treinamento de ensaio de campo de concreto – Série de eLearning
- Treinamento de ensaio de resistência de concreto – Série de eLearning

Petróleo
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Return to Table of Contents
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