



ASTM INTERNATIONAL
Helping our world work better



What is ASTM International?

www.astm.org





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Organized in 1898, ASTM International is one of the world's largest international standards developing organizations. Defined and set by us, some 12,575 ASTM voluntary consensus standards operate globally. Applied to just about everything from steel to sustainability, our work improves the lives of millions every day.

30,000

Global
Members

12,575

International
Standards

140

Countries
Represented



We harness the expertise and commitment of 30,000 ASTM members who hail from more than 140 countries, using good science, good engineering and good judgment to improve performance in manufacturing and materials, products and processes, systems and services. To ensure our standards combine market relevance with the highest technical quality, businesses, governments and individuals collaborate openly and transparently. At ASTM International, producers, users, consumers and others from all over the world join together to develop voluntary consensus standards. ASTM standards are developed under a process that embraces the World Trade Organization (WTO) Technical Barriers to Trade Agreement principles.

Many global industries choose our trusted standards. ASTM standards are used and accepted worldwide and cover areas such as metals, paints, plastics, textiles, petroleum, construction, energy, the environment, consumer products, medical services, devices and electronics, and much more. The open process in which our standards are developed is one reason why so many and such a broad range of industries have done their diverse standards development work within ASTM International.

Professionals from all over the globe participate in the ASTM system, which recognizes technical expertise, not country of

origin. Nearly 50 percent of ASTM standards are distributed outside the United States. Experts, individuals and organizations representing industry, academia, governments, trade associations, consultants and consumers all have an equal voice in determining a standard's content.

Having flexible and innovative technology helps ASTM members develop standards. Each committee decides on its own approach, usually combining face-to-face meetings with virtual meetings and our Web-based collaboration areas. Other resources, such as electronic balloting, mean standards development can take as little as six months, underlining ASTM's reputation for responding quickly to industry and business needs and priorities.

1,997

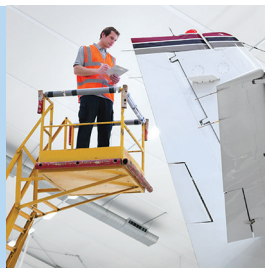
Technical
Subcommittees



What is ASTM International?

Continuing Education

Technical Training



In addition to this accommodating standards development atmosphere, ASTM provides services that expand the knowledge and application of standards. Our offerings include symposia, proficiency testing programs, journals, technical and continuing education training courses and self-guided e-learning, environmental product declarations program, certification programs for products and personnel, and subscription portals like ASTM Compass™. ASTM Compass™ is a powerful online platform that gives customers and members 24/7 access to over 12,500 ASTM standards and more than 52,000 journal papers and

book chapters from our Digital Library. We also publish a monthly electronic newsletter and a bimonthly magazine and companion website, *Standardization News*, which covers the topic of standards development around the world.

ASTM's Memorandum of Understanding (MOU) program provides tangible encouragement and practical help to developing economies. It promotes communication between ASTM and national standards bodies worldwide, making it easier for global technical experts to participate in our standards development process. These experts from any country can then join and get involved as full ASTM voting members.

Defined and set by us, ASTM standards improve the lives of millions every day. Combined with our innovative business services, they enhance performance and help everyone have confidence in the things they buy and use – from the toy in a child's hand to the aircraft overhead. By understanding commercial needs and consumer priorities, we touch every part of everyday life - helping our world work better.



Memorandum of Understanding Program

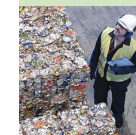
Symposia and Workshops

Certification

Interlaboratory Study Program

Environmental Product Declarations

Proficiency Testing



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ASTM Technical Committees

Ferrous Metals

- A01** Steel, Stainless Steel and Related Alloys
- A04** Iron Castings
- A05** Metallic-Coated Iron and Steel Products
- A06** Magnetic Properties

Nonferrous Metals

- B01** Electrical Conductors
- B02** Nonferrous Metals and Alloys
- B05** Copper and Copper Alloys
- B07** Light Metals and Alloys
- B08** Metallic and Inorganic Coatings
- B09** Metal Powders and Metal Powder Products
- B10** Reactive and Refractory Metals and Alloys

Cementitious, Ceramic, Concrete and Masonry Materials

- C01** Cement
- C03** Chemical-Resistant Nonmetallic Materials
- C04** Vitrified Clay Pipe
- C07** Lime and Limestone
- C08** Refractories
- C09** Concrete and Concrete Aggregates
- C11** Gypsum and Related Building Materials and Systems
- C12** Mortars and Grouts for Unit Masonry
- C13** Concrete Pipe
- C14** Glass and Glass Products
- C15** Manufactured Masonry Units
- C16** Thermal Insulation
- C17** Fiber-Reinforced Cement Products
- C18** Dimension Stone
- C21** Ceramic Whitewares and Related Products
- C24** Building Seals and Sealants
- C26** Nuclear Fuel Cycle
- C27** Precast Concrete Products
- C28** Advanced Ceramics

Miscellaneous Materials

- D01** Paint and Related Coatings, Materials and Applications
- D02** Petroleum Products, Liquid Fuels and Lubricants
- D03** Gaseous Fuels
- D04** Road and Paving Materials
- D05** Coal and Coke
- D07** Wood
- D08** Roofing and Waterproofing
- D09** Electrical and Electronic Insulating Materials
- D10** Packaging
- D11** Rubber
- D12** Soaps and Other Detergents
- D13** Textiles
- D14** Adhesives
- D15** Engine Coolants and Related Fluids
- D16** Aromatic Hydrocarbons and Related Chemicals
- D18** Soil and Rock
- D19** Water
- D20** Plastics
- D21** Polishes
- D22** Air Quality
- D24** Carbon Black
- D26** Halogenated Organic Solvents and Fire Extinguishing Agents
- D27** Electrical Insulating Liquids and Gases
- D28** Activated Carbon
- D30** Composite Materials
- D31** Leather
- D32** Catalysts
- D33** Protective Coating and Lining Work for Power Generation Facilities
- D34** Waste Management
- D35** Geosynthetics

Miscellaneous Subjects

- E01** Analytical Chemistry for Metals, Ores and Related Materials
- E04** Metallography
- E05** Fire Standards
- E06** Performance of Buildings
- E07** Nondestructive Testing
- E08** Fatigue and Fracture

- E10** Nuclear Technology and Applications
- E11** Quality and Statistics
- E12** Color and Appearance
- E13** Molecular Spectroscopy and Separation Science
- E15** Industrial and Specialty Chemicals
- E17** Vehicle - Pavement Systems
- E18** Sensory Evaluation
- E20** Temperature Measurement
- E21** Space Simulation and Applications of Space Technology
- E27** Hazard Potential of Chemicals
- E28** Mechanical Testing
- E29** Particle and Spray Characterization
- E30** Forensic Sciences
- E31** Healthcare Informatics
- E33** Building and Environmental Acoustics
- E34** Occupational Health and Safety
- E35** Pesticides, Antimicrobials and Alternative Control Agents
- E36** Accreditation and Certification
- E37** Thermal Measurements
- E41** Laboratory Apparatus
- E42** Surface Analysis
- E43** SI Practice
- E44** Solar, Geothermal and Other Alternative Energy Sources
- E48** Bioenergy and Industrial Chemicals from Biomass
- E50** Environmental Assessment, Risk Management, and Corrective Action
- E52** Forensic Psychophysiology
- E53** Asset Management
- E54** Homeland Security Applications
- E55** Manufacture of Pharmaceutical Products
- E56** Nanotechnology
- E57** 3D Imaging Systems
- E58** Forensic Engineering
- E60** Sustainability
- E61** Radiation Processing
- E62** Industrial Biotechnology

Materials for Specific Applications

- F01** Electronics
- F02** Flexible Barrier Packaging
- F03** Gaskets
- F04** Medical and Surgical Materials and Devices
- F05** Business Imaging Products

- F06** Resilient Floor Coverings
- F07** Aerospace and Aircraft
- F08** Sports Equipment, Playing Surfaces, and Facilities
- F09** Tires
- F10** Livestock, Meat, and Poultry Evaluation Systems
- F11** Vacuum Cleaners
- F12** Security Systems and Equipment
- F13** Pedestrian/Walkway Safety and Footwear
- F14** Fences
- F15** Consumer Products
- F16** Fasteners
- F17** Plastic Piping Systems
- F18** Electrical Protective Equipment for Workers
- F20** Hazardous Substances and Oil Spill Response
- F23** Personal Protective Clothing and Equipment
- F24** Amusement Rides and Devices
- F25** Ships and Marine Technology
- F26** Food Service Equipment
- F27** Snow Skiing
- F29** Anesthetic and Respiratory Equipment
- F30** Emergency Medical Services
- F32** Search and Rescue
- F33** Detention and Correctional Facilities
- F34** Rolling Element Bearings
- F36** Technology and Underground Utilities
- F37** Light Sport Aircraft
- F38** Unmanned Aircraft Systems
- F39** Aircraft Systems
- F40** Declarable Substances in Materials
- F41** Unmanned Maritime Vehicle Systems (UMVS)
- F42** Additive Manufacturing Technologies
- F43** Language Services and Products
- F44** General Aviation Aircraft
- F45** Driverless Automatic Guided Industrial Vehicles

Corrosion, Deterioration, and Degradation of Materials

- G01** Corrosion of Metals
- G02** Wear and Erosion
- G03** Weathering and Durability
- G04** Compatibility and Sensitivity of Materials in Oxygen Enriched Atmospheres



Why Join ASTM International?

Influence Industry Solutions

ASTM International standards are used around the world for everything from product design and development to accessing markets. ASTM members are individuals, corporations and government representatives who contribute their expertise to influence the standards being set for their industries. Widely seen as the world's standards partner, in a world of growing standardization, our work is increasingly core to the future growth of industries and economies.

Anyone, anywhere in the world with an interest in the field covered, is eligible and welcome to join.

Enhance Your Career

Interact with business competitors, customers and regulators from around the world on a cooperative basis. Benefit from the cross-section of the marketplace that represents a wide variety of disciplines and organizations. Get up to speed on standards, a growing influence in your field. Keep abreast of the latest developments in the increasingly important world of standardization. Take part in drafting documents used by an entire discipline. Add value to your career.

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ASTM Membership Types

Participating

Participating members are individuals who choose to join ASTM technical committees. They actively develop new ASTM standards and revise existing ones. This work is done in a unique professional environment, which draws from the top players in the field throughout the world who work cooperatively in forwarding their own interests. Through direct participation in the ASTM standards-writing process, participating members are personally involved in the development of standards that are on the cutting edge of new trends and technology. Participating members receive one free volume of the *Annual Book of ASTM Standards*, a free annual subscription to ASTM's magazine, *Standardization News*, and monthly *ASTM e-News*, discounts on ASTM publications and reduced symposia registration fees. Annual participating membership costs \$75 USD.

Informational

Informational members have an interest in ASTM standards and related technical information. Informational members are kept informed of the standards field, but do not actively participate in standards-writing committees. These members receive a free annual subscription to ASTM's bimonthly magazine, *Standardization News*, and monthly *ASTM e-News*, discounts on ASTM publications and reduced symposia registration fees. Annual informational membership costs \$75 USD.

Student

Student members are full-time undergraduate or graduate students who are interested in the work of ASTM. Student members receive electronic versions of ASTM's magazine, *Standardization News*, and monthly *ASTM e-News*, free attendance at ASTM symposia, can participate in student competitions, and receive a reduced membership fee upon graduation. Student membership in ASTM International is free. Visit www.astm.org/studentmember.

Organizational

Organizational members understand the value of ASTM International and what it contributes to industry through voluntary consensus standards. Organizational members have the satisfaction of knowing their support serves the public good, while contributing to the growth of their employees, their industries and international trade. Organizational members receive one free volume of the *Annual Book of ASTM Standards* and the organization's logo appears in the online ASTM Organizational Member Directory. These members also receive a free annual subscription to ASTM's magazine, *Standardization News*, and monthly *ASTM e-News*, discounts on ASTM publications and reduced symposia registration fees. Annual organizational membership costs \$400 USD.

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September 2014