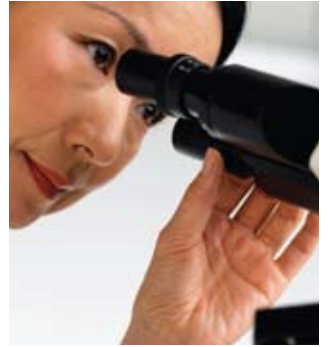


What is **ASTM** **International?**



English Edition





What Is ASTM International?



Organized in 1898, ASTM International is one of the world's largest international standards developing organizations. 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 Technical Barriers to Trade Agreement principles. The ASTM standards development process is open and transparent, allowing individuals and governments to participate directly, and as equals, in a global consensus decision.

50 percent of ASTM standards are distributed outside the United States. To facilitate broad global input, ASTM International uses online technologies that encourage open participation and responsiveness to industry needs. They include Internet-based Standards Development Forums enabling 24/7 access worldwide, on-line balloting, electronic minutes and templates, virtual meetings, and state-of-the-art distribution methods.

In addition to this accommodating standards development atmosphere, ASTM International provides services



Thirty thousand ASTM members from 125 countries bring their technical expertise to the development of ASTM's 12,000 international standards. These standards are used and accepted worldwide and cover areas such as metals, paints, plastics, textiles, petroleum, construction, energy, the environment, consumer products, medical services and devices, and electronics.

The open process in which ASTM 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. With a high level of technical quality at the core of the ASTM standard, almost

that expand the knowledge and application of standards. ASTM's programs include symposia, proficiency testing programs, publications in a variety of formats, and technical training courses. ASTM publishes a monthly magazine, *Standardization News*, which covers the topic of standards development around the world.

ASTM standards are available 24-hours a day through the Internet (www.astm.org).

The standards of ASTM International are used in research and development, quality systems, product testing and acceptance, and commercial transactions all around the globe. They are integral components of today's competitive business strategies.

ASTM Technical Committees

A. FERROUS METALS

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

B. 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

C. CEMENTITIOUS, CERAMIC, CONCRETE AND MASONRY MATERIALS

- C01 Cement
- C03 Chemical-Resistant Nonmetallic Materials
- C04 Vitrified Clay Pipe
- C07 Lime
- 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

D. MISCELLANEOUS MATERIALS

- D01 Paint and Related Coatings, Materials, and Applications

- D02 Petroleum Products and Lubricants
- D03 Gaseous Fuels
- D04 Road and Paving Materials
- D05 Coal and Coke
- D06 Paper and Paper Products
- 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
- 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

E. 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 Environmental Acoustics
- E34 Occupational Health and Safety
- E35 Pesticides and Alternative Control Agents
- E36 Laboratory and Inspection Agency Accreditation
- E37 Thermal Measurements
- E41 Laboratory Apparatus
- E42 Surface Analysis
- E43 SI Practice
- E44 Solar, Geothermal and Other Alternative Energy Sources
- E47 Biological Effects and Environmental Fate
- E48 Biotechnology
- E50 Environmental Assessment, Risk Management and Corrective Action
- E52 Forensic Psychophysiology
- E53 Property Management Systems
- E54 Homeland Security Applications
- E55 Pharmaceutical Application of Process Analytical Technology
- E56 Nanotechnology
- E57 3D Imaging Systems

F. 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 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 Normal and Utility Category Airplane Electrical Wiring Systems
- F40 Declarable Substances in Materials
- F41 Unmanned Undersea Vehicle (UUV) Systems

G. 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

Why you should join ASTM International

INFLUENCE INDUSTRY SOLUTIONS

ASTM International standards are used around the world for everything from product design and development to accessing markets. The high quality of these documents makes them the preferred choice of many industries across the globe. ASTM members are individuals, corporations and government representatives who contribute their expertise to influence the standards being set for their industries. The work of ASTM members makes products and services safer, better and more cost-effective. In short, ASTM International standards contribute toward product quality, enhancing communication, and overall customer satisfaction. You can be part of this important initiative.

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.

ASTM MEMBERSHIP TYPES

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* (print, CD, or Online Basic). Go to www.astm.org/COMMIT. Annual participating membership costs \$75.

Informational Members have an interest in ASTM standards and related technical information. Informational members are kept abreast of the standards field, but do not actively participate in standards-writing committees. Annual informational membership costs \$75.

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* (print, CD, or Online Basic) and the organization's logo appears in the new online ASTM Organizational Member Directory. Annual Organizational Membership costs \$400.

Student Members are full-term undergraduate or graduate students who avail themselves of information from ASTM International. Student members receive monthly electronic versions of ASTM's monthly magazine, *Standardization 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.

To join ASTM International,
apply online at
www.astm.org/MEMBERSHIP

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