



ASTM INTERNATIONAL  
Helping our world work better

# Supporting Global Growth

ASTM International  
Helps Build the Future

[www.astm.org](http://www.astm.org)



## ASTM International An Introduction

The ASTM International approach to consensus drives the standards process, and its always available online development environment enables global participation. Representatives of industry, government, academia, trade groups, and consumers come together in a required producer-user balance to develop needed standards. Together, ASTM members work on 140+ committees in 90 industry sectors.

In addition to standards, ASTM International offers related services. Compass, the online ASTM platform for standards and research, offers productivity and sharing tools. SpecBuilder provides a collaboration management tool to help companies maintain their

own specifications, codes, and regulations, and to integrate ASTM International standards. The learning management system includes more than 200 e-learning courses that help people understand and use standards, as well as on-site training programs and certificate offerings. Proficiency testing programs give laboratories a quality control mechanism for participating in and checking their test method use through data and reports about all participant results. An ASTM affiliate, the Safety Equipment Institute provides product certification services.

**12,800+**  
global standards

**30,000+**  
volunteer members

**150+**  
participating countries

**120+**  
years of operation

### Our Mission

Committed to serving global societal needs, ASTM International positively impacts public health and safety, consumer confidence, and overall quality of life. We integrate consensus standards – developed with our international membership of volunteer technical experts – and innovative services to improve lives... **helping our world work better.**





## Global Cooperation Partners Worldwide

In fulfilling its mission of helping our world work better, ASTM International extends global access to membership and standards development through its Memorandum of Understanding (MoU) Program. Since 2001, the MoU program has promoted cooperation between MoU partners and ASTM International, offering resources for standards development and use worldwide according to individual country's needs. Unique training programs to meet MoU partners' interests and requirements are also provided. More than 110 regional and national standards bodies partner with ASTM International through the MoU Program.

### Global Initiatives

#### Technical Visitors Grant Program

ASTM International offers grants for custom in-depth training programs that strengthen participation by technical experts in specific standards topics, such as petroleum, construction, environmental assessment, or textiles. Technical experts spend two to three weeks in a training that includes dialogue with ASTM staff, site visits, and the opportunity to engage directly with technical experts.

#### Intensive Training Program

Through the Intensive Training Program, industry or government stakeholders from MoU partner countries participate in a specialized study tour of about two weeks to meet with experts, visit manufacturing facilities or labs to see relevant standards in action, and related informational sessions. Programs, designed in consultation with the sponsor and participants, offer in-depth tailored learning. Topics have included additive manufacturing, transportation infrastructure, petroleum, concrete and cement, standardization public-private partnership, nuclear energy, and plastics.



A woman with long dark hair is looking towards a man in a suit who is partially visible on the right side of the frame. The background is a blurred office setting.

### Standards Expert Program

Each year, standards experts from MoU partners experience a two- to three-week program at ASTM headquarters designed to increase their understanding of the ASTM process and virtual tools, technical committees, and the organization overall. Three or four experts from MoU partners participate annually in this fully funded ASTM-sponsored program. During that time, experts travel to committee meetings of particular interest and experience the development process firsthand. Established in 2005, the program has provided this opportunity to more than 40 experts from over 30 countries around the world.

### Virtual Training in International Standardization

Ongoing online training courses offer MoU partners opportunities to learn more about the ASTM International standardization process, from a standard's inception to the resources offered to committees, to achieve consensus. These sessions also offer the opportunity to share best practices on stakeholder engagement, marketing and promoting standards, and the adoption and reference of ASTM standards.

## United Nations Sustainable Development Goals

The U.N. Sustainable Development Goals, which became official in 2015, aim to end poverty, protect the planet, and ensure prosperity for all. The United Nations has worked to involve all countries and stakeholders to act together on this plan, which represents areas of critical importance for humanity and the earth.

Through the Memorandum of Understanding program, ASTM International works with nations worldwide to reach the U.N. Sustainable Development Goals. The MoU program helps people address and achieve the U.N. Sustainable Development Goals, including Gender Equality (#5), Clean Water and Sanitation (#6), Affordable and Clean Energy (#7), Industry Innovation and Infrastructure (#9), Sustainable Cities and Communities (#11), and Climate Action (#13), among others.

ASTM has also initiated an effort to identify standards that support the U.N. Sustainable Development Goals, increasing awareness of the connection between



the two and aiding stakeholders globally to apply the standards to realize sustainability commitments. Also part of its commitment to sustainability is ASTM's membership in the UNISDR Private Sector Alliance for Disaster Resilient Societies. ARISE is a private sector initiative (led by the U.N. Office for Disaster Risk Reduction) that works towards a future with a focus on mitigating effects of disasters, risk-informed capital assets and investments, and resilient infrastructure.

### Bureau of Standards, Metrology, and Inspection, Taiwan

#### Galvanizing for Corrosion Protection

In the high humidity, maritime monsoon environment of Taiwan, steel — a critical infrastructure material — that has been hot dip galvanized possesses a longer service life. The ASTM International standards that specify zinc-coated (galvanized) steel bars for concrete reinforcement (A767), guide high quality hot dip zinc coatings (A385) and repairing damaged/uncoated areas (A780) form the basis for Taiwan national standards referenced in their regulations, helping to protect infrastructure and extend their integrity.



### St. Lucia Bureau of Standards, St. Lucia

In St. Lucia, inferior plastic chairs were becoming a national health hazard due to reported injuries. To address the problem, the St. Lucia Bureau of Standards adopted an ASTM International standard for performance requirements for adult and children's outdoor plastic chairs (F1561). The standard provides for concerns about performance, testing, and manufacture, and the ultimate expected goal is a reduced number of injuries.



### Kenya Bureau of Standards, Kenya

#### Lubrication Oils

Lubricating oils extend vehicle life, support less pollutive cars, and support transportation; the oils help remove heat and wear particles. These benefits depend on the oil compositions, specifically the base oil. The Kenya Bureau of Standards (KEBS) published a standard that relies on an ASTM guide for characterizing lubricant base oils (D6074). KEBS inspection partners use the standard to check base oil quality; overall, cases of sub-standard base oils





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[ASTM International Global Cooperation](#)

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