ASTM and the Use of Globally Accepted Standards

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ASTM International
About ASTM International

– ASTM International is a globally recognized standards organization that develops and delivers international voluntary consensus standards.

– Some 12,500+ ASTM standards are used around the world in trade and in regulation.

– More than 30,000 of the world’s top technical experts and business professionals representing 148 countries are members.

– Global headquarters is near Philadelphia, with several offices in other countries.

1898 Founded

12,500+ Standards used around the world

140+ Countries represented
The ASTM MoU Program

Memorandum of Understanding

ASTM International

Full collection of ASTM Standards (adoption, as the basis of a national standard, consultation, normative reference, reference in regulation)

Membership at no cost to participant

Training (on-site, virtually; sponsored and shared cost)

MoU Partner

Access to ASTM standards in its Information Center

Annual Report on use of ASTM standards

Utilization of ASTM standards where relevant and appropriate

117 MoU partners worldwide

8400+ citations of ASTM standards in non-US nations

Firestop Contractors International Association

ASTM INTERNATIONAL United Arab Emirates Chapter
Six Ways to Adopt and Reference ASTM Memorandum of Understanding

Available to all Public and Private Standards’ Users
Incorporated by Reference in Technical Regulations
Normative Reference in Standards
Code Reference (i.e. Building Code)

Available Only to MoU Partners
Identical Adoption
Equivalent Adoption
Used as the Basis of a National Standard or Consulted
ASTM International U.A.E. Chapter

Benefits to the Region

• Provide a direct link to staff and information from ASTM HQ
• Mechanism to provide consistent continuing education and training
• Creates awareness for the construction industry
• Track emerging trends and helps to grow the industry as a whole
• Have a local voice in the ASTM standards development process
• Gain visibility for construction professionals
• Networking opportunities
• Mentorship opportunities
• Leadership development

www.astmuae.org

Launched September 2019
ASTM Technical Committees

146 Technical Committees

- Fire
- Concrete and Cement
- Steel
- Petroleum
- Construction/Building
- Plastics
- Paint
- Textiles
- Environmental
- Medical Devices
- Packaging
- Many, many more

Firestop Contractors International Association
Market Transformation in the Building Industry

- Market Transformation
- Marketplace Adoption
- Regulatory Adoption
- Industry Adoption
- Product Labels
- Product Certification
- Performance Ratings
- ASTM Standards
- New Test Methods
- Rating Concept
- Need

Innovation, product research, development, etc.

Association involvement?

Where's the data?

10+ Years

Time

FCIA
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United Arab Emirates Chapter
Use of ASTM Standards in the Built Environment

FCIA
Firestop Contractors International Association

ASTM INTERNATIONAL
United Arab Emirates Chapter
ASTM and Building Codes

• Codes are a written specification for materials and procedures relating to infrastructure construction.

• Codes are similar to ASTM standards in two ways:
  • They are living documents subject to continual change.
  • They are not legal documents until adopted.

• Standards cited in building codes must be written according to strict procedures of open-consensus development, such as the ASTM standards development procedure.
ASTM Committee E06 on Performance of Buildings

- Organized in 1946
- Includes over 1350 members from 33 countries
- 20 technical subcommittees
- 250 active standards and numerous standards referenced in building codes
- Key documents:
  - E2174 Standard Practice for On-Site Inspection of Installed Firestop Systems
  - E2393 Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers
  - E2785 Standard Test Method for Exposure of Firestop Materials to Severe Environmental Conditions
ASTM Committee E05 on Fire Standards

- Organized in 1904
- Includes over 675 members from 23 countries
- 10 technical subcommittees
- 80 active standards and 20 standards referenced in building codes
- Key documents:
  - E84 Standard Test Method for Surface Burning Characteristics of Building Materials
  - E814 Standard Test Method for Fire Tests of Penetration Firestop Systems
Thank You

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#committeeweek

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