Developing Standards for International Market Access and Relevance – Perceptions from ASTM International

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www.astm.org
Helping Our World Work Better

12,000+ ASTM standards operate globally

Applied to just about everything from steel to sustainability

Improving our lives every day
30,000+ global members from 148 countries participating in ASTM

Collaborative
Consensus with participation via a transparent process; open to anyone, anywhere
Partners with business, government, industry and consumers; harness our members’ expertise
Building on good science, good engineering and good judgment
51% of our members come from organizations with 250 employees or less

145 Main Committees and 1,997 Subcommittees

Wide range of topics and applications
Serving 90 industry sectors from traditional to cutting edge
Currently 12,500 standards
Ensuring safety, quality and reliability, market access
6,700+ citations by more than 75 nations worldwide
The choice of many global industry; 50% outside the US

195 new standards and 1,819 revised standards in 2014

Dynamic Information
Responding to new challenges, new technology and new markets
New standards in 16-18 months, revisions in 6-8 months.
Mandatory review every 5 years
On-line membership tools (networking, web conferencing, balloting and drafting) and information access.
Where We Are

- Both ASTM Members and MOU Partners
- ASTM MOU Partners Only
- ASTM Members Only
Core Global Outreach Program

Memorandum of Understanding

**ASTM provides:**
- Full collection of ASTM Standards (that may be used for reference, adoption, as basis of national standards and consultation)
- Membership at no cost to participant
- Information, training and partnership

**NSB Partner provides:**
- Access to ASTM standards in its Information Center
- Annual Report on use of ASTM standards
- Use and application of ASTM standards where relevant and appropriate

**95 MoU partners worldwide**

Including ARSO and 21 of 35 ARSO members
Six Ways to Adopt and Reference ASTM

Available to all Public and Private Standards’ Users
- Referenced in Regulations
- Normative Reference
- Code Reference

Available Only to MoU Partners
- Identical Adoption
- Equivalent Adoption
- Used as the Basis of a National Standard or Consulted
## ARSO Members with ASTM MoU Agreements

<table>
<thead>
<tr>
<th>Nation</th>
<th>NSB</th>
<th>MOU Sign Date</th>
<th>Standards Cited</th>
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Unique Training Within the MoU Program

Standards Expert Program
Procedural focus
Typically three nations/year; to date have hosted 28 experts from 25 nations
NSB identifies two candidates, ASTM interviews and selects one
Participant becomes an expert and a resource
Participants in:
– 2015: Costa Rica, Indonesia and UAE
– In 2016: Candidates from Africa, Eurasia, Latin America

MTVGP
Technical focus
Competitive process
Partners invited to submit applications from staff and industry experts, ASTM selects one
2015 - Nana Sekyi, Ghana – GSA
Studied: Standards for pipeline integrity for the oil/gas sector
2015 Program – invitation issued; has a 1 September deadline

Other International Visitors
Attached staff and Intensive Training Programs – Topics vary
Candidate selection varies by sponsoring organization
Sponsor helps define study topics
Duration of one week to eleven months
To date:
Attachents – Botswana, China, Japan, South Africa, South Korea
ITP – Chechen Republic, China, GSO, Latin America, South Korea, Trinidad and Tobago and Jamaica
Standardization: The Business Advantage

Standards are business tools that:

- Incorporate innovation
- Enable access to new technologies
- Shorten cycle times from concept to global access
- Lower costs
- Ensure compliance
- Enable cross-border interoperability
- Facilitate trade
- Limit liability
What Exists?

- 21 of 35 ARSO Member nations have a MoU with ASTM International
- These partners have reported the citation of more than 4,300 ASTM standards.
- Clearly a rich resource that is beneficial and appropriate.
- These standards can:
  - Serve as a foundation of compatibility and harmonization
  - Help to ensure standards do not become non-tariff barriers to trade
  - Serve as tools to evaluate product coming into your respective nations and the region
  - Serve as a way to confirm outgoing products comply with requirements

- **Common standards in ~ 15 sectors including:**
  - Ferrous metals
  - Non-ferrous metals
  - Concrete and aggregates
  - Cement
  - Roofing
  - Paint
  - Road and paving materials
  - Piping
  - Plastics
  - Corrosion
  - Water
  - Medical Devices,
  - Detergents
  - Packaging
  - Textiles
  - Testing protocols
What’s Next?

Possible next steps

– Prioritize sector
– Identify participants
– Establish a platform for information exchange, virtual or face-to-face
– Conduct periodic discussions
– Arrange training/information exchange
Thank you

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