



ASTM International

Brazil US Standards Dialogue

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ASTM International

- About ASTM International
- Role of Standards Developers in the US
 - Federal and state regulations
- Expanding Role Internationally
- Participation from Brazil
- Opportunities to work more closely in the Future



About ASTM International



About ASTM International

- Organized in 1898, largest private sector SDO domiciled in the U.S. and operating globally
- Provides a global forum for the development of voluntary, consensus standards and promotion of related knowledge
- Does not offer certification or accreditation

ASTM Mission and Objectives

- Improve health, safety and quality of life
- Contribute to the reliability of materials, products, systems and services
- Facilitate commerce at the international, national, and regional levels

ASTM Serves Multiple Sectors

- Metals
- Petroleum and Lubricants
- Environment (air, soil, water)
- Construction Materials
- Consumer Products
- Plastics
- Road and Paving
- Medical and Surgical Materials and Devices
- Textiles
- Rubber
- Nanotechnology
- Pharmaceutical Technology

ASTM Membership

- Open to any individual or body
 - No prerequisites
- Producers, users, government, academia, laboratories are equal partners in the process
- 21,300 technical experts participating
 - Representing 124 nations
- 140 technical committees
- 1,900 technical subcommittees

ASTM Role in the U.S.

- ASTM standards meet the needs of Government
 - Over 3300 ASTM standards are cited in the U.S. Code of Federal Regulations
 - Numerous other citations in state laws and codes
- U.S. Government is both an equal partner and key stakeholder
 - 1000 units of U.S. Government participation in ASTM
 - Active in 93% of ASTM's committees
- State regulators are becoming more involved
 - Opportunity to gain awareness of emerging regulations



Global Interests and Outreach

ASTM Standards are International

- ASTM complies with the principles identified in the World Trade Organization's, Technical Barriers to Trade Agreement, G/TBT/1/REV 8 Section IX.
 - Transparency
 - Relevance
 - Openness
 - Coherency
 - Impartiality and consensus
 - Consideration of the concerns of developing countries

ASTM Standards are International

- ASTM standards are:
 - Used around the world
 - 3000 ASTM standards utilized in the over 60 nations
 - Developed by experts from around the world
 - Membership includes technical experts from Brazil and most MERCOSUR countries
- ASTM MOU cooperation partnerships with NSB's of Uruguay, Bolivia, Peru, Columbia and Ecuador
 - Access to the full volume of ASTM standards, memberships in ASTM technical committees, and standards training and workshop exchanges

ASTM MOUs

- ASTM provides full collection of ASTM standards at no charge
- ASTM provides membership on all relevant ASTM technical committees at no charge
- ASTM allows NSB to adopt ASTM international standards, photocopy and distribute ASTM standards
- NSB provides access to ASTM standards to industry and government and a web link
- NSB promotes participation of industry and government experts into ASTM standards development process
- Where possible, adopt and use ASTM standards as the basis of national standards or in regulation

Standards in Use through Adoptions, Reference, etc.

- Columbia (ICONTEC) – over 800
- Peru (INDECOPI) – around 325
- Uruguay (UNIT) – over 75
- Bolivia (IBNORCA) – over 60
- Ecuador (INEN) – over 50
- Brazil - ? But, we would welcome the data

Opportunities to Work with Brazil

ASTM Membership from Brazil

- Over 50 technical experts from Brazil participate in numerous ASTM International technical committees
 - Petrobras, Brasken – D02 (petroleum, biodiesel, etc)
 - Vale de Rio Doca – E01 (mining)
 - C.S.N. – A01 (iron and steel)
 - Embraer – D02, F37, etc
 - Emerging industry – light sport aircraft
 - Trombini – D06 (pulp and paper)
- MNCs with significant operations in Brazil such as Volkswagen, Shell, BASF, Cargill, and GM

Areas of Common Interests

- Petroleum and Biofuels – follow up on the NIST/INMETRO Sept 2006 workshop in areas including ethanol and Biomass Conversion (ASTM D02 and E48)
- Brazil/MERCOSUR interests in Electronics Waste and Restrictions on Hazardous Substances (ASTM F40)
- Standards to support emerging light sport aircraft industry (ASTM F37)
- Many other areas...

Multiple Paths to International Standards

- Welcome more direct participation from Brazil
 - Formerly through direct links with INMETRO and ABNT
 - Through linkage with industry (companies and trade associations such as the inquiries we get from FIESP)
- Open to choose from a portfolio of international standards that includes ASTM International
 - Global companies today can't function with standards from a single source
 - ASTM standards are chosen by many industries for their quality and relevance, and by their speed and efficiency to market.
- Regulations, trade agreements, and industrial policies that limit standards choices to a pre-determined source threaten industrial competitiveness and violate the spirit of cooperation embodied in the WTO TBT Agreement

Participating in ASTM

- ASTM has much to gain through the increased participation of Brazil's technical experts from industry and government
- The value of participating to Brazil includes;
 - Inform committee of the needs of your domestic industry
 - Influence content and shape standards
 - Prepare for changes in the marketplace or regulations
 - Standards often reflect new technology and emerging regulations
 - Access to a deep network of global technical experts
 - Transfer technology and “know-how”



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Thank You

***Thank you for your interest
in ASTM International***