



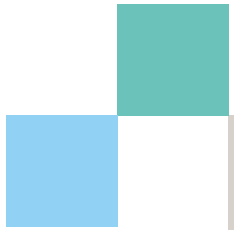
ASTM INTERNATIONAL
Helping our world work better

ASTM International: Background and Resources

June, 27, 2016

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Helping Our World Work Better



12,000+ ASTM standards operate globally

Applied to just about everything from steel to sustainability

They improve the lives of millions every day

Important. Every Day.



The Role of ASTM Standards

- Ensures safety, quality and reliability
- Constantly responding to new challenges, new technology and new markets
- Built on principle of voluntary consensus: giving everyone an opportunity to participate
- Effective and relevant across diverse markets
- Helping everyone: consumers, businesses, manufacturers, innovators and governments
- Incorporated into contracts, regulations, codes, and laws around the world; they support established and emerging economies and free and fair global trade.



6,525

ASTM standards have been adopted, used as a reference, or used as the basis of national standards outside the USA

Over a Century of Openness



How We Work

- Worldwide acceptance and trust comes from the principle of openness
- Experts, individuals, organizations, academia, governments, trade associations, consultants and consumers come together
- Over 30,000 members from 148 countries
- Exchanging expertise and knowledge
- Participating in a transparent process – open to anyone, anywhere
- Timely and relevant. Fully representative of sectors. An aid to innovation, not a hurdle to overcome



Small and Medium Sized Enterprises (SME's)



Equal Voice

- Members from small companies play a critical role in today's global economic infrastructure
- ASTM committee structure ensures balanced participation from stakeholders
- SME technical input and vote is equal to that of large multinational companies
- ASTM uses technology to lower barriers to participation and speed the process
- Electronic balloting of standards from inception to publication
- Web conferencing to engage additional experts and accelerating the development process
- Helps SME's to maintain their technical presence in global markets and makes it possible to sell products more successfully around the world



Universal Equality of Opportunity



Operating Globally

- ASTM is one of the world's largest Standards Developing Organizations, with global reach and influence
- Embracing all the principles of the World Trade Organization's Agreement on Technical Barriers to Trade
- Working across political, cultural and geographic borders
- Recognizing expertise, not country of origin
- Trusted for market relevance and technical quality
- The choice for many global industries
 - 50% outside USA
- Our global outreach activities increase understanding
- Our Memorandum of Understanding Program provides tangible encouragement to developing economies



National Standards Bodies with ASTM MoU Agreements



ASIA	EUROPE	SOUTH AMERICA	CARIBBEAN	MIDDLE EAST & NORTH AFRICA	EASTERN, WESTERN & CENTRAL AFRICA	SOUTHERN AFRICA
AFGHANISTAN	ALBANIA*	BOLIVIA	ANTIGUA AND BARBUDA	BAHRAIN	ARSO	BOTSWANA
BHUTAN	BOSNIA	CHILE	BELIZE	EGYPT	BURUNDI	MALAWI
BRUNEI DARUSSALAM	BULGARIA	COLOMBIA	CROSQ	GCC (GULF STATES)	CAMEROON	MAURITIUS
CHINA	CROATIA	COSTA RICA	DOMINICA	IRAQ	DEMOCRATIC REPUBLIC OF CONGO	NAMIBIA
INDONESIA	KAZAKHSTAN	ECUADOR	DOMINICAN REPUBLIC	ISRAEL	ETHIOPIA	SEYCHELLES
KOREA	KOSOVO	EL SALVADOR	GRENADA	JORDAN	GHANA	SOUTHERN AFRICA DEVELOPMENT COOPERATION
MALAYSIA	MOLDOVA	GUATEMALA	GUYANA	KUWAIT	KENYA	SOUTH AFRICA
MONGOLIA	ROMANIA*	HONDURAS	HAITI	MOROCCO	MOZAMBIQUE	SWAZILAND
NEPAL	RUSSIA	NICARAGUA	JAMAICA	OMAN	NIGERIA	ZAMBIA
PAKISTAN	SERBIA	PANAMA	ST. KITTS-NEVIS	PALESTINE	RWANDA	ZIMBABWE
PAPUA NEW GUINEA		PERU	ST. LUCIA	QATAR	SIERRA LEONE	
PHILIPPINES		SURINAM	ST. VINCENT AND THE GRENADINES	SAUDI ARABIA	TANZANIA	
SINGAPORE		URUGUAY	TRINIDAD & TOBAGO	TUNISIA	UGANDA	
SRI LANKA				TURKEY	* Former MOU Partner	
TAIWAN				U.A.E.		
THAILAND				YEMEN		
VIETNAM						

ASTM and Peru



Working Together

200 ASTM Member experts

Key Committee areas

C09 Concrete

G01 Corrosion

D02 Petroleum

F04 Medical Devices

F24 on Amusement Rides

Proficiency Testing – 22 Programs and 16 Laboratories

MoU with Instituto Nacional de Defensa de la Competencia y de la Protección de la Propiedad Intelectual (INDECOPI) since 2003; updated MoU signed with INACAL in 2015.

Using 770+ ASTM Standards

Sra. Patricia Castro Espinoza (INDECOPI) attached September 2008

ASTM International Latin America office opens in Lima, March 2015



INACAL

INSTITUTO NACIONAL DE CALIDAD

ASTM MoU Resources and Obligations



ASTM

- Full Collection of ASTM Standards
- Membership at no cost to participant
- Training and information resource
- Influence in the process

Signatory

- Access to ASTM standards in Information Center
- Annual Report on use of ASTM standards
- Utilization of ASTM standards where relevant and appropriate

Six Ways to Adopt and Reference ASTM

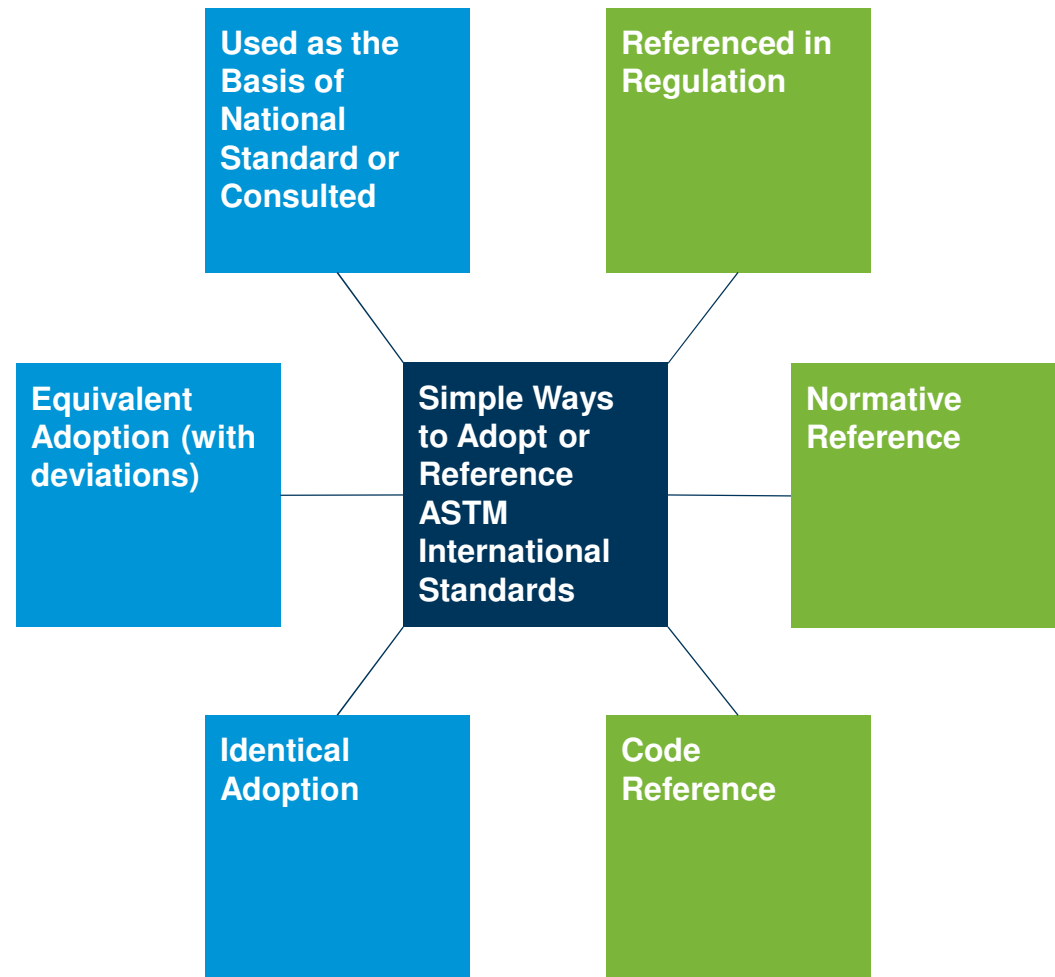


Available to all Public and Private Standards' Users

- 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



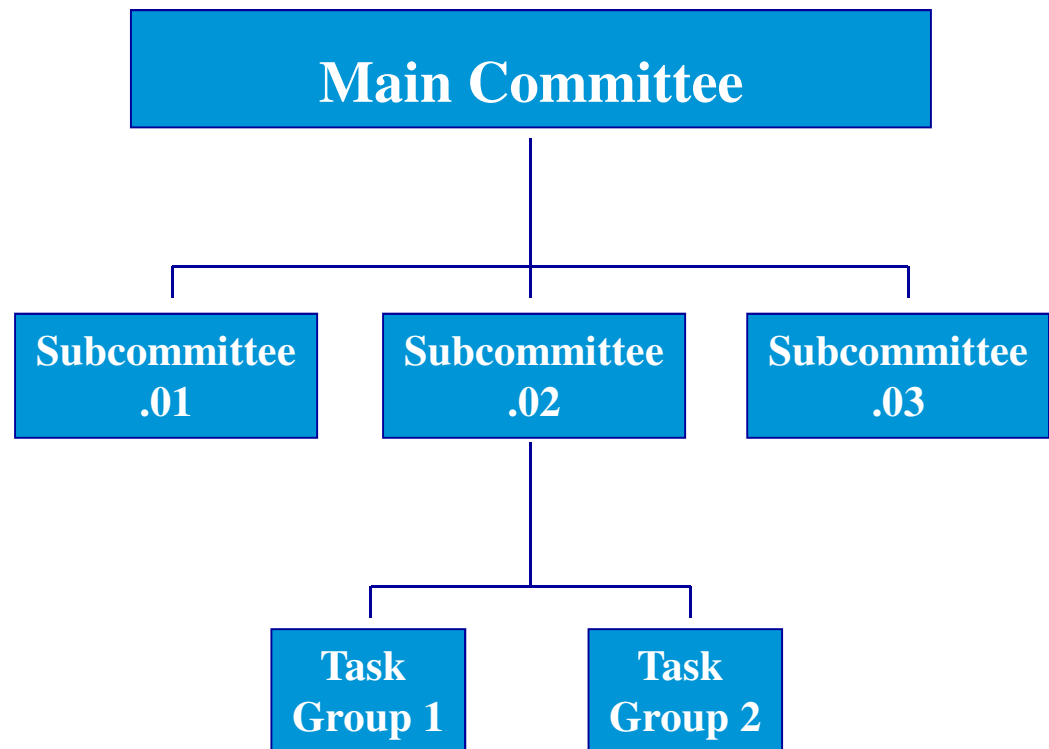
Technical Committee Organization



Technical Committees form to address specific industry subjects.

Subcommittees are established to address subsets of specialized subject matter.

Subcommittees organize their expertise into Task Groups to write standards.



Classification of Members



New Members are Classified by volunteer Officers of the Committee using the Membership Applications

New Members are Classified based on what “voting interest” (organization) they represent

- **Producer** – produces or sells a material, product, system or service covered in the committee or subcommittee scope
- **User** – purchases or uses a material, product, system or service (other than household use) covered in the committee or subcommittee scope
- **Consumer** – primarily purchases or represents those who purchase products and services for household use within the committee or subcommittee scope
- **General Interest** – if not otherwise classified

Official Votes and Balance

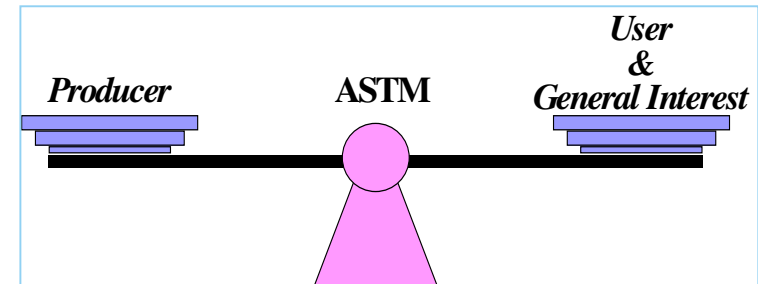


Only one official vote is assigned per voting interest (organization)

– One voting interest may have multiple members

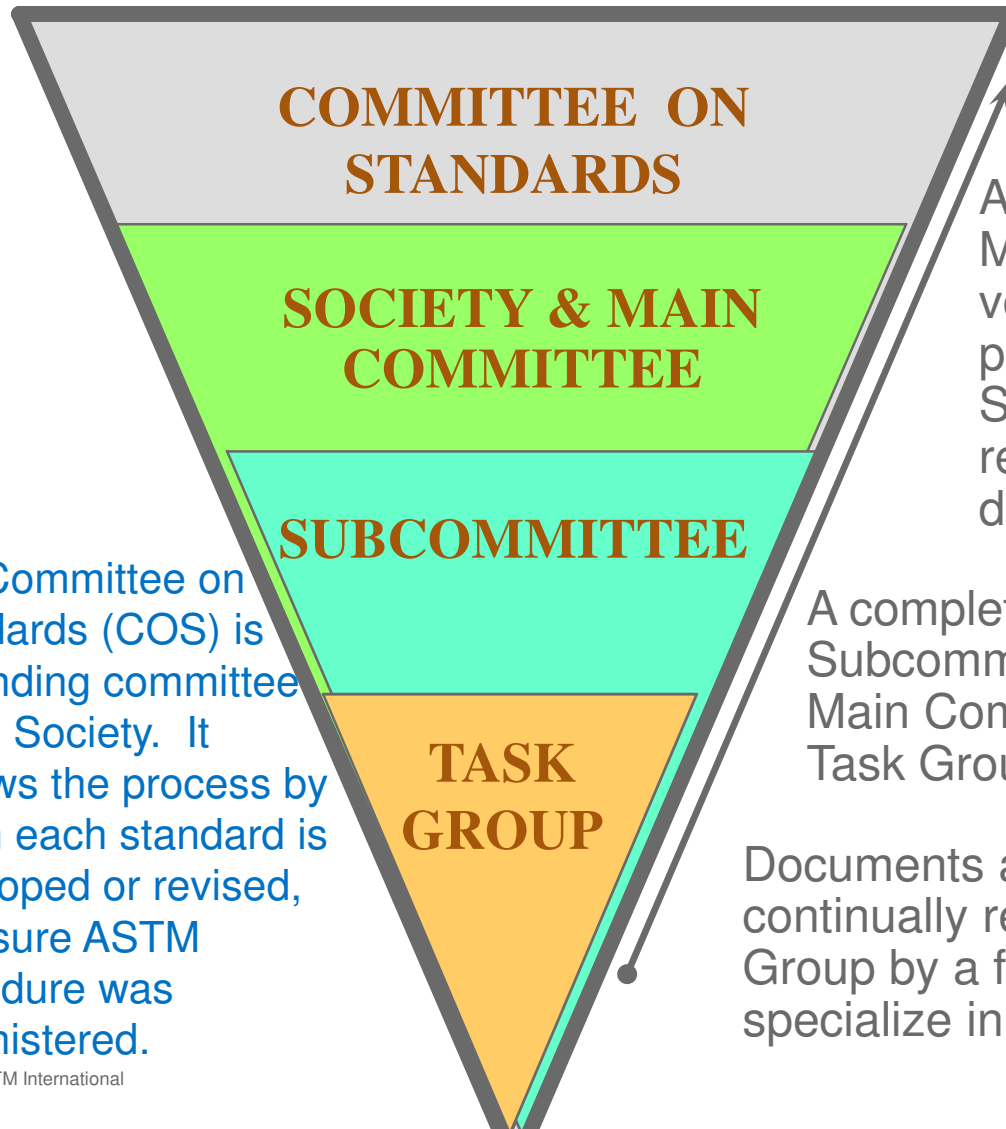
“Balance” means that the number of Producer official voters cannot exceed the sum of the User & General Interest official voters.

Every member receives ballot notifications and can review ballots and vote online



Official vote is used to measure balance, calculate voting statistics, and resolve negative votes

ASTM Balloting Process



After Subcommittee approval, the Main Committee & entire Society vote on the draft. If approved, it is presented to the Committee on Standards for final review. If not, it returns to the Task Group for re-drafting, & balloting is repeated.

A completed draft is voted on by the Subcommittee. If approved, it moves to a Main Committee vote. If not, it returns to the Task Group for re-drafting.

Documents are drafted, and continually revised, in the Task Group by a few members who specialize in the subject matter.

The Committee on Standards (COS) is a standing committee of the Society. It reviews the process by which each standard is developed or revised, to ensure ASTM procedure was administered.

Committee F15 on Consumer Products



Established

- Formed in 1973, F15 has a current membership of over 1000 and has jurisdiction of 100 standards

Subcommittees

- The 50 technical subcommittees of F15 each serve a different product area (for example juvenile products, toys, playground equipment, candles, pool safety), and meet independently on different schedules depending upon level of activity and need.

Liaison

- Committee F15 brings together manufacturers, end users, industry associations, regulatory authorities, health professionals and consumer advocacy groups in a common effort to improve consumer safety.



Committee F15 on Consumer Products



Key Documents

- F404 Standard Consumer Safety Specification for High Chairs
- F833 Standard Consumer Safety Performance Specification for Carriages and Strollers
- F963 Standard Consumer Safety Specification for Toy Safety
- F1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
- F2666 Standard Specification for Aboveground Portable Pools for Residential Use

Key Stakeholders

- U.S. Consumer Product Safety Commission
- Disney
- Fisher Price
- Bureau Veritas
- Health Canada
- Kids in Danger



Committee D13 on Textiles



Established

- Established in 1914, ASTM Committee D13 develops standards that relate to the characteristics, properties, nomenclature and uses of textiles. D13 has developed and maintains more than 300 standards. Nearly 600 members of D13 work on standards to ensure safety and quality from manufacture through consumers throughout the textile industry.

Scope

- The development of standards, which relate to characteristics, properties, nomenclature, and uses of textiles

Subcommittees

- D13 has 30 technical subcommittees



Committee D13 on Textiles



Key Documents

- D1683 Standard Test Method for Failure in Sewn Seams of Woven Apparel Fabrics
- D5034 Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
- D5585 Standard Table of Body Measurements for Adult Female Misses Figure Type, Sizes 2-20
- D4910 Standard Tables of Body Measurements for Children, Infant Sizes Preemie to 24 Months
- D6193 Standard Practice for Stitches and Seams

Key Stakeholders

- Dupont
- American Association for Textile Chemists and Colorists (AATCC)
- Bombay Textile Research Association
- Cotton Incorporated
- Bureau Veritas
- U.S. Department of Agriculture (USDA)

Keeping Pace With Change



Cooperation helps with challenges

- Global Harmonization
- Territoriality
- Regulatory Conflicts / Reciprocity
- Duplication of Effort / Few Resources
- Marketplace Confusion
- Emerging Hazards





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Thank you

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