Operating Globally

- ASTM is one of the world’s largest Standards Developing Organizations, with global reach and influence
- With over a century of experience, ASTM offers trusted, relevant, and high quality standards that are accepted globally
  - Established in 1898
  - 30,000 volunteer members from 164 countries
  - 147 main committees and 2,102 subcommittees, covering over 90 industry sectors
- The choice for many global industries
  - 45% outside USA

12,900+
ASTM standards operate globally
International Standards

WTO TBT Committee Decision

– The World Trade Organization (WTO) Technical Barriers to Trade (TBT) Committee Decision on Principles for the Development of International Standards, Guides and Recommendations provides guidance

– in the form of six principles; does not designate SDOs

– helps regulators determine which international standards may be relevant for the purposes of the TBT Agreement

– ASTM International’s compliance with the WTO/TBT principles

– Infographic on The 6 Principles of International Standards Development
Memorandum of Understanding (MOU) Program

ASTM International
- 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

MOU Partner
- Access to ASTM International’s webpage through its Information Center
- Encourage active participation of stakeholders in ASTM technical committees
- Utilization of ASTM standards where relevant and appropriate
- Annual Report on use of ASTM standards

118 MOU partners worldwide

8,700+ citations of ASTM Standards in 75 nations
Technical Committee Structure:
Organization of Volunteer Members

Main Committee

Subcommittee .01
Subcommittee .02
Subcommittee .03

Task Group 1
Task Group 2

Technical Committees
Address specific industry subjects

Subcommittees
Address subsets of specialized subject matter

Task Groups
Organized by subcommittees: standards get drafted, revised, and developed at this level

ASTM Balloting Sequence and Requirements
Technical Committee Letter Designation

A – Ferrous metals and products
B – Nonferrous metals and products
C – Cementitious, ceramic, concrete, and masonry materials
D – Miscellaneous materials and products
E – Miscellaneous subjects
F – End-use materials and products
G – Corrosion, deterioration, weathering, durability, and degradation of materials and products

Full list of ASTM Committees
Balloting Sequence and Requirements

Subcommittee Ballot

Once the new standard or revisions are drafted, a Subcommittee ballot is initiated.

To Initiate
- Subcommittee chairman approval or motion passed by voting majority at a Subcommittee meeting
- At least 30 days between issue & closing date
- Requires a Standard title, ballot action, work item, technical contact information and clear rationale explaining reasons for ballot

To proceed to next level
- 60% return required
- 2/3 affirmative of the combined affirmative and negative votes cast by voting members
- All negative votes considered and resolved via ASTM online negative resolutions system
- None of the negative votes were considered persuasive

Main Committee Ballot/Society Review

All standards are reviewed by the main committee/society.

To Initiate
- All Subcommittee ballot requirements completed
- Ballot items that successfully passed the Subcommittee ballot process will automatically be included on the next main ballot
- Ballots for reapproval authorized by subchair or voting majority of Subcommittee

To proceed to next level
- 60% return required
- 90% combined affirmative and negative votes by voting members on each item
- All negative votes considered and resolved via ASTM online negative resolutions system
- None of the negative votes were considered persuasive

Editorial Review

Before publication
- ASTM Editor will send a review copy to the technical contact for final review and approval to publish

New Need

Idea for a new standard or revision to an existing standard.
- Better test
- New specification
- Safer product
- Test performance of product

Task Group

Once new activity is approved, a task group is formed, and a work item is registered to draft the standard.
Non-members are invited to participate in the task group. There is no official voting at this level.
No formal requirements to initiate or proceed to the next level.

Concurrent Ballot

Revisions and withdrawals, or new standards that have undergone at least one Subcommittee ballot can be initiated concurrently.

To Initiate
- Main and Subcommittee chairman approval or motion passed by voting majority at main and Subcommittee meeting
- Ballots for revisions and withdrawals or new standards that have undergone at least one Subcommittee ballot

To proceed to next level
- 60% return required
- 90% affirmative of the combined affirmative and negative votes cast by voting members
- All negative votes considered and resolved via ASTM online negative resolutions system
- None of the negative votes were considered persuasive

Committee on Standards Review

All non-persuasive and non-related actions for items passing main Committee ballot shall be reviewed and approved by the Committee on Standards (CS)

To Initiate
- Staff submits actions to Committee on Standards after successful Main Committee Ballot/Society Review

To proceed to next level
- Committee on Standards approves that procedures were followed correctly in resolving negative votes
ASTM International Homepage

Helping Our World Work Better

ABOUT ASTM INTERNATIONAL
Overview and Key Facts
Over 12,000 ASTM standards operate globally. Defined and set by us, they improve the lives of millions every day. Combined with our innovative business services, they enhance performance and help everyone have confidence in the things they buy and use.

Find out more about ASTM

Expert
From children's toys to jet fuel, ASTM standards harness the expertise and commitment of our 30,000-strong membership in over 140 countries.

SERVICES
ASTM Compass®
Get instant access to

Award Winning Training
Technical Committees

Technical Committees develop and maintain ASTM standards. They are grouped by designation according to related activities within a particular scope of work (e.g., A01 on Steel, Stainless Steel and Related Alloys). ASTM Committees are made up of over 32,000 volunteers from industry and include manufacturers and consumers, as well as other interest groups such as government or academia. Any interested individual can participate on a Technical Committee through ASTM membership.

Search for ASTM Committees

D02 or Petroleum

Technical Committees by Designation - Full List

Standards Development

- Initiate a New Standards Activity
- ASTM Regulations
- ASTM Form & Style Manual
- How Standards Get Developed
- Draft Standard Templates
- Proxy Form
- Society Review of Standards
- Publicity Request Form
- Strategic Planning Manual
- How to Articles
- Committee Officer Handbooks
- Ballot Item Submission

Other Programs and Services

- Honors & Awards
- Interlaboratory Study Program (ILS)
- Sustainability
- 2015 Certificate of Attendance
- 2014 Certificate of Attendance
- Contract & Project Management Services
- Resources for US Technical Advisory Groups (US TAGs)
MyASTM – MyChoices

MyASTM
Welcome, Molly Lynyak

Please Select:
- Digital Subscriptions (Formerly SEDL - Digital Library)
- MyCommittees
- MyCollaboration Areas
- MyStandards Tracker
- MyJournals Tracker
- Compass Feedback Editor
MyCommittees Page

- My Outstanding Ballots
- My Next Meetings
- My Work Items
- My Tools
- Committee Member Resources
- Address Maintenance
### MyCommittees

#### Committee B02 on Nonferrous Metals and Alloys
- **Ballots**
- **Minutes**
- **Rosters**
- **Meetings & Symposia**
- **Agendas**
- **Committee Documents**
- **Standards Tracking**

#### Committee B09 on Metal Powders and Metal Powder Products
- **Ballots**
- **Minutes**
- **Rosters**
- **Meetings & Symposia**
- **Agendas**
- **Committee Documents**
- **Standards Tracking**

#### Committee B10 on Reactive and Refractory Metals and Alloys
- **Ballots**
- **Minutes**
- **Rosters**
- **Meetings & Symposia**
- **Agendas**
- **Committee Documents**
- **Standards Tracking**

#### Committee C08 on Refractories
- **Ballots**
- **Minutes**
- **Rosters**
- **Meetings & Symposia**
- **Agendas**
- **Committee Documents**
- **Standards Tracking**
<table>
<thead>
<tr>
<th>Committee</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B02</td>
<td>Nonferrous Metals and Alloys</td>
</tr>
<tr>
<td>B10</td>
<td>Reactive and Refractory Metals and Alloys</td>
</tr>
<tr>
<td>C18</td>
<td>Dimension Stone</td>
</tr>
<tr>
<td>D01</td>
<td>Paint and Related Coatings, Materials, and Applications</td>
</tr>
<tr>
<td>D22</td>
<td>Air Quality</td>
</tr>
<tr>
<td>E08</td>
<td>Fatigue and Fracture</td>
</tr>
</tbody>
</table>
Committee Main Page

Public Access
- Overview
- General Information
- Standards by Subcommittee
- Related Information
- Membership Application
- New Items
- List of Publications

Committee D22 on Air Quality

ASTM Committee D22 on Air Quality was formed in 1951. D22 meets twice a year, in April and October, with approximately 100 members attending over three days of technical meetings. The Committee, with a membership of over 400, currently has jurisdiction of over 145 standards, published in the Annual Book of ASTM Standards; Volume 11.07. D22 has seven technical subcommittees that maintain jurisdiction over these standards. Information on this subcommittee structure and D22’s portfolio of approved standards and Work items under development are available from the List of Subcommittees, Standards and Work items below. These standards have, and continue to play, a preeminent role in all aspects relating to the methodology for sampling and analysis of source emissions, ambient, workplace and indoor atmospheres, and meteorological conditions.

General Information
- D22 Scope
- Committee Officers and Staff Support
- Future Meetings
- Search Past ASTM Symposia

Get Involved
- Request media publicity
- Membership Information and Application
- New Member Orientation
- Invite a Colleague to Join

Standards Development
- RSS News Feed
- List of Subcommittees

Additional Information
- D22 Information Brochure (MS Word Document)
- Honors & Awards
Ballots

Committee D05 Ballots

You are an Officer or Technical Contact of the committee and/or subcommittees listed under the 'Ballot Queue' column, below. To access a listing of items that have been submitted for the next ballot, click on the ballot link.

<table>
<thead>
<tr>
<th>Ballot Queue</th>
<th>Committee Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D05</td>
<td>Coal and Coke</td>
</tr>
<tr>
<td>D05.21</td>
<td>Methods of Analysis</td>
</tr>
<tr>
<td>D05.23</td>
<td>Sampling</td>
</tr>
</tbody>
</table>

You are a member of the committee and/or subcommittees listed under the 'Ballot' column, below. To access a complete list of all open ballots, click on 'All Ballots', above.

To Vote: Select a ballot below. You can review the items within it and select options to approve, disapprove or abstain. Click here for information on saving, reviewing and submitting votes, as well as for reviewing closed ballots and the input received on them.

Ballot Item documents are not ASTM standards, and shall not be reproduced or recirculated in whole or in part without written authorization from ASTM. Review ASTM's Working Document Caveat Here.

<table>
<thead>
<tr>
<th>Ballot</th>
<th>Issue Date</th>
<th>Closing Date</th>
<th>Committee Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>D05 (14-03)</td>
<td>Jul 14, 2014</td>
<td>Aug 14, 2014</td>
<td>Coal and Coke</td>
<td></td>
</tr>
</tbody>
</table>
Ballot Queue

MAIN COMMITTEE BALLOT QUEUE

Below is a list of items currently scheduled for the next ballot. All items passing subcommittee ballot will automatically be added to the next main committee ballot but may not be listed below. If you would like to make revisions to any of the items listed or submit additional items, please contact your staff manager or administrative assistant.

<table>
<thead>
<tr>
<th>Sub No.</th>
<th>Concurrent Ballot Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Revision C230/C230M-13 Standard Specification for Flow Table for Use In Tests of Hydraulic Cement WK44459 (068K) TECHNICAL CONTACT: Chiara Ferraris <a href="mailto:CLARISSA@NIST.GOV">CLARISSA@NIST.GOV</a></td>
</tr>
<tr>
<td>22</td>
<td>Revision C1738/C1738M-13 Standard Practice for High-Shear Mixing of Hydraulic Cement Pastes WK45842 (195K) TECHNICAL CONTACT: Jussara Tanesi <a href="mailto:jussara.tanesi.ctr@dot.gov">jussara.tanesi.ctr@dot.gov</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sub No.</th>
<th>Main Committee Ballot Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Revision C150/C150M-12 Standard Specification for Portland Cement WK45919 (472K) TECHNICAL CONTACT: Gregory Daderko <a href="mailto:greg.daderko@lafarge.com">greg.daderko@lafarge.com</a></td>
</tr>
<tr>
<td>10</td>
<td>Revision C150/C150M-12 Standard Specification for Portland Cement WK45942 (472K) TECHNICAL CONTACT: Gregory Daderko <a href="mailto:greg.daderko@lafarge.com">greg.daderko@lafarge.com</a></td>
</tr>
</tbody>
</table>
All D04 Minutes

View My D04 Minutes

Subscribe to Minutes Tracker

These minutes reflect the discussions and actions taken during the committee meeting. They are subject to approval at the next scheduled meeting. They shall not be reproduced or circulated in whole or part, outside of ASTM Committee activities, except with the approval of the Chairman of the committee having jurisdiction and the President of the Society.

The links below link to either PDF or EXE files. For more information on downloading files, click here.

- **D04 Road and Paving Materials**
  - [Jun 15, 2017](#)
  - [Dec 08, 2016](#)

- **D04.20 Mechanical Tests of Asphalt Mixtures**
  - [Jun 14, 2017](#)
  - [Dec 07, 2016](#)

- **D04.21 Specific Gravity and Density of Asphalt Mixtures**
  - [Jun 14, 2017](#)
  - [Dec 07, 2016](#)
Rosters

All D22 Rosters

View My D22 Rosters

Click on the designations below to view the appropriate roster.

- D22 Air Quality
- D22.01 Quality Control
- D22.03 Ambient Atmospheres and Source Emissions
- D22.04 Workplace Air Quality
- D22.05 Indoor Air
- D22.07 Sampling and Analysis of Asbestos
- D22.08 Sampling and Analysis of Mold
- D22.09 ISO TAG for ISO/TC 146
- D22.11 Meteorology
- D22.90 Executive
- D22.90.01 Awards Committee
- D22.91 Strategic Planning
Future Meetings for F18

Title: Electrical Protective Equipment for Workers
Dates: Sunday October 8th 2017 - Wednesday October 11th 2017
Location: Sheraton New Orleans; New Orleans, LA
Event Name: October 2017 Committee Week

Title: Electrical Protective Equipment for Workers
Dates: Sunday April 8th 2018 - Wednesday April 11th 2018
Location: Sheraton San Diego Hotel & Marina; San Diego, CA
Event Name: April 2018 Committee Week

Title: Electrical Protective Equipment for Workers
Dates: Sunday March 31st 2019 - Wednesday April 3rd 2019
Location: Sheraton Denver Downtown Hotel; Denver, CO
Event Name: April 2019 Committee Week

Title: Electrical Protective Equipment for Workers
Dates: Sunday March 29th 2020 - Wednesday April 1st 2020
Location: Boston Marriott Copley Place; Boston, MA
Event Name: April 2020 Committee Week

Show All Future Meetings for F18
All D04 Agendas

View My D04 Agendas

Subscribe to Agendas Tracker

The links below provide meeting agendas in either PDF or EXE format. For more information on downloading files, Click here.

- D04 Road and Paving Materials
  - Jun 15, 2017
  - Dec 08, 2016
- D04.20 Mechanical Tests of Asphalt Mixtures
  - Jun 14, 2017
  - Dec 07, 2016
- D04.21 Specific Gravity and Density of Asphalt Mixtures
  - Jun 14, 2017
  - Dec 07, 2016
- D04.22 Effect of Water and Other Elements on Asphalt Coated Aggregates
  - Jun 14, 2017
  - Dec 07, 2016
- D04.23 Plant-Mixed Asphalt Surfaces and Bases
  - Dec 07, 2016
Committee Documents for D22

For additional information see Key Documents and Forms.

The links below provide committee documents in PDF format (requires Adobe Acrobat®):

- AdminDueDates
- Bylaws
- Subcommittee Scopes
- Asbestos Exposure Assessments for Repetitive Maintenance Tasks
Standards Tracking for D22

Jeffrey Adkins,
Select the main committee or the subcommittee to view standards tracking. Subcommittees without related standards or work items are not shown here.

D22 All Standards
D22.01 Overdue Standards
D22.04 Quality Control
D22.05 Ambient Atmospheres and Source Emissions
D22.08 Workplace Air Quality
D22.09 Sampling and Analysis of Asbestos
D22.11 Sampling and Analysis of Mold
D22.12 Meteorology
My Collaboration Areas

MyCommittees

Committee B02 on Nonferrous Metals and Alloys
Committee B10 on Reactive and Refractory Metals and Alloys
Committee C18 on Dimension Stone
Committee D01 on Paint and Related Coatings, Materials, and Applications
Committee D22 on Air Quality
Committee E08 on Fatigue and Fracture
WK26816 - Determining the Susceptibility of Asphalt Mixtures to Cracking Using the Overlay Tester

New Standard Determining the Susceptibility of Asphalt Mixtures to Cracking Using the Overlay Tester

Group Creation Date: December 17, 2009 10:55:04 AM
Work Item Creation Date: June 9, 2015
Status: Ballot Item Approved as and Pending Publication
Administrator: Richard Steger

Work Item Description
Include specimen preparation details along with details for using the device to test asphalt mixtures. Other asphalt materials such as microsurfacing, slurry, cold-in-place recycled materials, and hot-in-place recycled materials may be added at a later date.
Review

• Committee Structure
• Balloting Process
• ASTM Home page (public)
• My Committees page
  (members only)
• My Collaboration areas
Thank you

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Jimmy Farrell
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Maria Jiverage
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