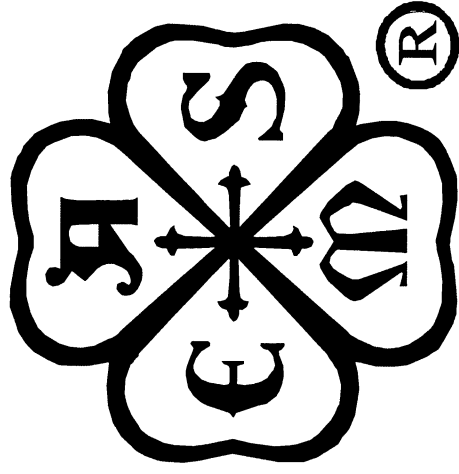


***The ASME Process for
Generating and Issuing
Codes & Standards***



I. INTRODUCTION



**ASME Process for Generating and Issuing
Codes & Standards**

Slide 1

WHAT IS CONSENSUS?

- ASME standards are consensus standards.
- Consensus means
 - Substantial agreement by affected interest categories
 - Consideration of views, attempted resolution
 - Unanimity not required

NOTE: The Standards Committee is responsible for developing consensus on proposed standards actions.



STANDARDS ACTIONS

- **Types**
 - **New standard**
 - **Revision**
 - **Reaffirmation**
 - **No substantive changes or additions**
 - **Non-substantive changes noted in a foreword**
 - **Withdrawal**



THE STANDARDS DEVELOPMENT PROCESS

- Consensus requirements
 - Standards Committee approval
 - Public review
 - Supervisory Board review
 - ANSI approval (usually)

NOTE: These apply to all standards actions.



ASME Process for Generating and Issuing
Codes & Standards

II. STEPS IN THE CONSENSUS PROCESS



ASME Process for Generating and Issuing
Codes & Standards

THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action
- Recorded vote
- Public review
- Supervisory Board review
- Appeals
- ANSI approval



THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action
 - Request received
 - Project Team created
 - Project Technical Manager
 - Project Administrative Manager (Staff Secretary)
 - Project Team members
 - Priority determined
 - Draft developed
- (cont'd)
.....→



THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action (cont'd)
 - Draft made available for review and comment by interested parties
 - Project Team considers comments; prepares responses
 - Draft accepted by Project Team submitted for Standards Committee vote



THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action
- Recorded vote
- Public review
- Supervisory Board review
- Appeals
- ANSI approval



THE CONSENSUS DEVELOPMENT PROCESS

- Recorded vote
 - Votes may be taken at a meeting or by letter, fax, or electronic means.
 - Normal voting period is 4 weeks.
 - All members must have opportunity to vote.
 - Voting options:
 - Approved
 - Disapproved
 - Abstain
 - Not Voting

(cont'd)
.....→



THE CONSENSUS DEVELOPMENT PROCESS

- Recorded vote (cont'd)
 - “Disapproved” requires
 - Submission of comments and an alternative
 - Action by committee to attempt to resolve objections
 - “Not Voting”
 - Indicates conflict of interest
 - “Abstain”
 - Indicates lack of expertise or sufficient review



THE CONSENSUS DEVELOPMENT PROCESS

- Recorded vote (cont'd)
 - Resolution of “Disapproved” votes
 - Required unless vote not accompanied by comments related to proposal
 - Response is prepared
 - Technical changes to proposal are circulated to committee and board
 - Unresolved Disapproved votes are circulated to the committee
 - Changing votes (next slide)
- (cont'd)
.....→



THE CONSENSUS DEVELOPMENT PROCESS

- Recorded vote (cont'd)
 - Resolution of “Disapproved” votes (cont'd)
- Committee members may change votes
 - Reconsideration vote
- Notification of Appeals Process
 - Unresolved Disapproved votes
- Consensus determined
 - Minimum of 2/3 Affirmative Vote



THE CONSENSUS DEVELOPMENT PROCESS

- Approval of editorial (= non-substantive) revisions
 - May be approved using recorded vote (same as for standards actions)
 - Alternative: Two-week review
 - Members may object to revision being considered editorial
 - Action approved if fewer than 1/5 object
 - If not approved, must be processed as standards action



THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action
- Recorded vote
- Public review
- Supervisory Board review
- Appeals
- ANSI approval



THE CONSENSUS DEVELOPMENT PROCESS

- Public review
 - All proposed standards actions must be announced for public review
 - ME magazine
 - C&S Web site
 - ANSI's Standards Action
 - Recommend that be conducted concurrently with committee vote

(cont'd)



THE CONSENSUS DEVELOPMENT PROCESS

- Public review (cont'd)
 - Comment period determined by accessibility of details (60, 45, 30-day)
 - Attempted resolution of comments
 - Revised proposals require another public review
 - Notification of appeals process



THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action
- Recorded vote
- Public review
- Supervisory Board review
- Appeals
- ANSI approval



THE CONSENSUS DEVELOPMENT PROCESS

- Supervisory Board review
 - Conducted after standards committee approval
 - Verifies adherence to policies, procedures and charter

(cont'd)



ASME Process for Generating and Issuing
Codes & Standards

Slide 19

THE CONSENSUS DEVELOPMENT PROCESS

- Supervisory Board review (cont'd)
 - By Two-Week Review or Recorded Vote
 - Objections and Disapproved votes considered
 - Re-circulation of unresolved objections and Disapproved votes
 - Recorded vote: approval by 2/3 of Board
 - Two-week review: fewer than 1/3 supporting objections



THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action
- Recorded vote
- Public review
- Supervisory Board review
- Appeals
- ANSI approval



THE CONSENSUS DEVELOPMENT PROCESS

- Appeals
 - ASME appeals process
 - ANSI appeals process
 - Not heard until
 - ASME's appeal process completed
 - ANSI has taken action on approval



THE CONSENSUS DEVELOPMENT PROCESS

- Development of standards action
- Recorded vote
- Public review
- Supervisory Board review
- Appeals
- ANSI approval



THE CONSENSUS DEVELOPMENT PROCESS

- **ANSI approval**
 - **Proposed action submitted to ANSI Board of Standards Review (BSR)**
 - **Information provided includes committee roster and votes**
 - **Technical issues not considered**



III. ADDITIONAL INFORMATION



ASME Process for Generating and Issuing
Codes & Standards

INNOVATIONS

- Development of new electronic communications and data management tools for
 - Tracking
 - Collaborative Authoring,
 - Notification



MORE INFORMATION

- The C&S Web Site at www.asme.org/cns/departments/procedures.html



ASME Process for Generating and Issuing
Codes & Standards