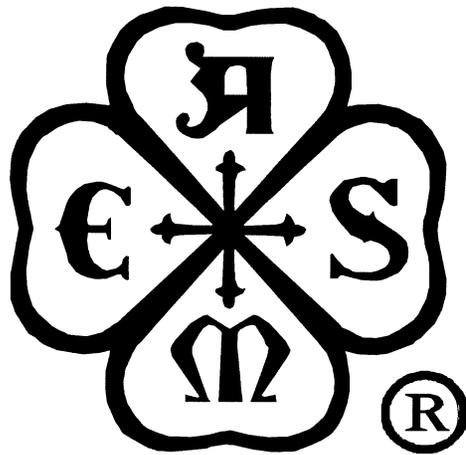


***The ASME Process for
Generating and Issuing
Codes & Standards***



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.



II. STEPS IN THE CONSENSUS PROCESS



ASME Process for Generating and Issuing
Codes & Standards

Slide 5

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**

(cont'd)
.....→



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)



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**

Slide 25

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

