Importance of NACE Standards Program

Serves the needs of industry and society at large

Fulfills NACE Mission, Goals, and Core Purpose

Promotes best practices and technical information exchanges

NACE is the preeminent community for disseminating knowledge, enhancing skills and expanding the professional networks of corrosion control and asset protection professionals worldwide.
New Standards Infrastructure

Applicable to any document approved through consensus process
- Standards
- Technical Reports
Effectively Running a Meeting

During a Meeting

- Recognize attendees who wish to speak
- Use time efficiently
- Use members effectively
- Use Robert’s Rules as tool to progress decisions
- Staff available to provide assistance
Document Project Actions

- Develop new standard
- Revise existing standard
- Reaffirm existing standard
- Stabilize existing standard  
  - Must have been reaffirmed once to be eligible
- Cancel existing standard
**Document Project Manager (DPM)**

- **DPM Defined** *(SCOM ¶ 2.4)*: Refers to the individual appointed by an SC chair to lead the effort to take a standard through the development, balloting, and approval processes until publication.

- **DPM Scope of Duties** *(SCOM ¶ 3.4.5)*: The DPM is responsible for ensuring that a document progresses through all the steps to publication in a timely manner and in accordance with all NACE processes and policies and holds that position until the project is completed.

- **Initiates Balloting Process** *(SCOM ¶ 6.3.4)*: When the DPM determines a draft document is ready to ballot, he/she submits it to the online balloting process.
Document Project Manager

DPM may enlist the help of SC members or other experts in carrying out responsibilities:

- Complete *New Project Request Form* to obtain document number assigned by staff
- Solicit volunteers to help with draft preparation
- Prepare drafts of the standard using NACE tools and templates.
- Periodically upload draft versions to your SC Workspace in your assigned SC Work Area folder.
- Submit drafts electronically for SC ballot
- Address all comments received from ballots and maintain record of disposition of negative votes
- Make all changes to the draft necessary to achieve consensus (may require reballots)
- Submit the draft for the next level of balloting by the Standards Board
You are required to periodically upload a recent version of the draft document to NACE Committee Workspace. Under the Workspace tab, Documents area, each SC has folders setup to upload your draft document.
Balloting Classifications (SCOM ¶ 6.3)

- Standards Committee Voting Members are classified into one of three (3) interest classifications - User, Producer, and General Interest - based on the organization from which they come, or the industry interest from which they most draw their technical basis.

- To ensure that there is no undue voting influence, the number of Voting Members from any one company or organization will be limited to 10% of voting membership.

- Additional members from an organization may participate as Observers, able to participate in all activities and comment on ballots.

- Individual Consultants must disclose if they are retained by a company in an area of technology being covered by the committee and shall be considered employed by the company for the purposes of interest classification.
Document Balloting *(SCOM ¶ 6.3)*

NACE requires two levels of ballot *(SCOM ¶ 6.3.3)*

**Standards Committee (SC)** – Reviewed for technical and editorial content

**Standards Board (SB)** – Confirms adherence to NACE policies and ensures due process followed; not required for reaffirmations or stabilizations

Three Ballot Response Options:  
*Affirmative*  
*Negative*  
*Abstain*
Criteria to Approve Draft Document \((SCOM \, \S\, 6.3.4)\)

All of the following conditions must be met:

- 28-day ballot through Standards Committee
- Greater than 50% of SC voting membership must respond with an affirmative or negative (abstentions are not included in the 50% ballot response requirement but are counted toward voting member’s participation requirement)
- At least 75% of votes counted towards the response requirements must be affirmative
- All comments (including those from Observers) and negatives have been adjudicated

Example \((>\, 50\% \, \text{response,} \, \geq \, 75\% \, \text{Affirmative})\):

Voting Members on Committee = 100

- \(>\, 50\% \, \text{of} \, 100 = 51 \, \text{votes required (affirmative or negative)}\)
- \(\geq \, 75\% \, \text{of} \, 51 = 39 \, \text{votes must be affirmative for the ballot to pass}\)

- Abstentions are not counted toward the response requirement
- Members who did not vote are not counted toward the response requirement
Disposition of SC Ballot Comments

All comments must be adjudicated before SB ballot

Adjudication means DPM reviewed comments and attempted to resolve

Every comment does not have to be accepted

Reasons for not accepting unresolved negatives must accompany next round of balloting

All technical changes must be reballoted
Comments from Observers

• Observer SC members may comment on ballots

• Observers do not have a formal affirmative/negative/abstain vote

• Observer comments must be reviewed and adjudicated
Adjudication of Negative Votes

There are six ways the Document Project Manager may adjudicate negative vote comments:

1. Persuasive
2. Withdrawn
3. Withdrawn with editorial changes
4. Not related/Non-responsive
5. Not persuasive
6. Previously considered
Adjudication of Negative Votes

Persuasive
- DPM determines the content of the negative vote is technically valid and within scope
- Considered persuasive and suggested change incorporated via subsequent reballot

Withdrawn
- After discussion with DPM, voting member determines negative vote is no longer valid
- Withdraw negative vote and change vote to either affirmative or abstain contingent upon notification to DPM and NACE Staff
Adjudication of Negative Votes

Withdrawn with Editorial Changes

• After discussion with DPM, voting member agrees that negative may be resolved by making an editorial change
• Withdraw negative vote and change vote to either affirmative or abstain contingent upon notification to DPM and NACE Staff
• Editorial change must introduce no change in technical content but may only correct typographical errors or restate a requirement to reduce ambiguity
Adjudication of Negative Votes

Not Persuasive

• DPM determines content of the negative vote is not persuasive (i.e., the suggested change and the rationale for requesting the change do not render the document more technically accurate or valid than the original text)

• DPM recommends to SC for final adjudication by one of these means:
  • inclusion of proposed Not Persuasive recommendations in the subsequent reballot
  • distribution of a 14-Day Affirmation Ballot to the SC
  • review during an SC meeting by voice vote recorded in the minutes
Adjudication of Negative Votes

Not Persuasive

• If SC affirms, requested change is not incorporated

Example:

“The idea to attempt standardization of this labyrinth can only produce something that consists of over 50 pages of generalities, platitudes and clichés, bonded with lengthy bullet lists and legalese. This kind of guidance can only make things worse. Discard the whole thing.”
Adjudication of Negative Votes

Not Related/Non-Responsive

• Not Related: determined that negative vote addresses technical requirements which fall outside of the scope of the draft document or relate to content not included in ballot OR
• Non-Responsive: Does not fulfill the requirements of a negative vote
• Requested change is not incorporated
• Negative comments unrelated to the proposal under consideration will be noted and may be considered as proposals for new standards projects

Previously Considered

• Determined that the subject of the negative vote was previously considered during past rounds of balloting and ruled either “Not Persuasive” or “Not Related”
• Requested change is not incorporated
Subsequent Reballots

After completion of initial 28-day SC ballot and addressing of comments, reballot alternatives include:

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<th>28-Day Reballot</th>
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Standards Board Level Ballot (SCOM ¶ 6.3.8)

- Review and approve for adherence to NACE policies and procedures, not technical content

- 14-day ballot

- Accompanied by summary of any unresolved negative comments and SC position

- If any SB member votes negative based upon perceived process violation, document sent back to SC to address procedural infractions

- Appeals process exists for any persons with direct and materially affected interests who have been or may be adversely affected by a procedural action or inaction
Document Development Process
Intellectual Property
All committee participants shall familiarize themselves with NACE’s Intellectual Property Policies related to Copyrights, Patents and Trademarks.

DPMs and SC participants must acknowledge NACE’s IP Policy.

All material, minutes, drafts, and published standards become the copyrighted property of NACE International.
Collaboration with Other Organizations

- Submission of NACE Standards to ANSI to become ANS
- Submission of NACE Standards to ISO
- Standards Board Establishes Policy
- Developing Joint Documents with Other SDOs
- NACE Adoption of ISO Standards
Collaboration with Other Organizations Continued…

Submit request via Other Standards Development Organization (SDO) Collaboration Form

Requests must be accompanied with justifications from multiple user organizations articulating benefits

Within context of standard strategy and Standards Board Policy, course of action is determined
Resources

• Standards Board Operating Manual

• Standards Committees Operating Manual

• Standards Board Members

• NACE Technical Activities/Standards Staff

• About NACE Standards on www.nace.org

• NACE Committee Workspace (NCW)
NACE International Standards Committees Organization Chart

Standards Board

SC 01 Cathodic/Anodic Protection
SC 02 External Coatings-Atmospheric
SC 03 External Coatings-Buried & Immersed
SC 04 Linings & Internal Coatings
SC 05 Surface Preparation
SC 06 Process Industries
SC 07 Defense & Aerospace
SC 08 Metallic Material Selection & Testing
SC 09 Non-metallic
SC 10 Asset Integrity Management
SC 11 Electric Utility Generation, Transmission & Distribution
SC 12 Concrete Infrastructure
SC 13 Corrosion Monitoring & Measurement
SC 14 Oil and Gas - Upstream
SC 15 Pipelines & Tanks
SC 16 Oil and Gas—Downstream
SC 17 Rail & Land Transportation
SC 18 Water & Wastewater
SC 19 Maritime
SC 20 Internal Corrosion Management
SC 21 Mining & Mineral Processing

STAFF DIRECTORY

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Questions?

Contact your Staff Liaison or

Standards@nace.org