The Worldwide Corrosion Authority
NACE Standards Program Update
AGENDA

01 Value of NACE's Standards Program
02 Rationale for Change
03 New NACE Standards Structure
04 Participation Guidelines
05 Implementation Schedule
NACE CORE PURPOSE

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

- Provide tangible ways to serve the needs of industry and society at large
- Fulfill the organization’s mission and goals
- Promote best practices and exchange technical information
Executed properly, a standards program that meets industry needs generates stakeholder loyalty.
Rationale for Change
Why change?

NACE BOD Strategic Plan

Mission

Best In Class

Harness Opportunities

Desire to Advance

Direct focus to best opportunities

Restore customer confidence
Assessment Results

- Benchmark NACE against world-class standards developers
- NACE has potential to be the market leader in corrosion standards
- Expedite NACE delivery time
  - NACE average = 5+ years
  - SDO average = 2 years
  - Best-in-class SDO average = 12-18 months
  - Limited Scope Revision Process = 45 days
- NACE can boost its agility to incorporate new industry sectors and respond to new standardization opportunities
Meeting Corrosion Community Needs
# SWOT Analysis

## Strengths
- Strong Mission, Charter and legacy
- Historically valuable standards with a recognized brand
- Extremely knowledgeable subject matter experts
- Strong, dedicated staff
- Willingness to ask the hard questions
- Desire to improve

## Weaknesses
- No dedicated standards infrastructure to best support the management & facilitation of the standards program
- Standards processes are overly bureaucratic and not in line with best-in-class SDOs
- Culture adverse to change is a challenge to improving the standards system
- NACE is not agile or adept at identifying & capturing new standards opportunities
- Focused on a few, mainly North American market sectors

## Opportunities
- Chance to move out to align and support the Board’s strategic direction and create synergies across NACE
- Rebuild and strengthen relationships with regulatory bodies
- NACE’s standards development processes can be modified using lean principles to increase TTM while maintaining the quality of standards & related products
- Increase attention on development or adoption of standards in non-US countries
- Utilize proven online collaboration and e-tools

## Threats
- Other SDOs are taking on new corrosion standards
- Classification societies and joint industry programs also developing corrosion standards
- Next generation of subject matter experts is not engaging
- As the pace of innovation increases, NACE standards may not keep up with the latest technologies rendering NACE less relevant
- Funding and business models for SDOs are changing and NACE may find itself without the funding necessary to support its standards business
Ultimate Objective

Engaging next generation of practitioners

Involving global community and serving more industry sectors

Producing relevant documents and associated products delivered via state-of-the-art means

Growing portfolio and increased market share of corrosion standards

Healthy Standards Program:
- Agile
- Efficient
- Responsive
- Continuous improvement
New NACE Standards Structure
New Standards Structure

• Meets unique requirements of managing a successful standards program

• NACE Board of Directors endorsed the following recommendations:
  • Create independent standards structure
    • Standards-only governing body
    • Standards-unique committee structure
  • Streamline processes to optimize members’ strengths and publish relevant standards and technical reports in a timely manner
New Standards Structure

• Applicable to any document approved through consensus process
  • Standards
  • Technical Reports
NACE Dedicated Standards Structure
Roles and Responsibilities – Board of Directors

- Overarching policy for the Society
- Appointment/Approval of Standards Board members
- Final approval of new areas of standardization (Strategic Level)
- Approval of funding for standards initiatives
Roles and Responsibilities – Standards Board

- Health & performance of NACE Standards Program
- Strategic Planning for Standards Program
- Standards processes, procedures, tools
- Committee Structure and Membership
- Approval of new areas of standardization, products & services
- Final standards approval
- Hearings/appeals
- Strong advocate for the NACE Standards Program
- Cross activity coordination
- Metrics/process controls/improvements
- Manage external liaison relationships
- Recruit Standards Board members and grow their capabilities
Roles and Responsibilities – Standards Committees

- Propose & approve new standards projects
- Develop standards
- Coordinate and ballot standards
- Address comments
- Approve standards
- Maintain standards in accordance with defined processes
- Manage Committee membership in accordance with defined policies
- Assign Document Project Managers
- Use metrics defined by Standards Board to keep activities focused on standards development/maintenance and on continuous improvement
- Elevate issues to the Standards Board
What’s New? What’s Different?

Current System

• 28 Specific Technology Groups (STGs)
• STGs responsible for TGs & TEGs
• 200+ Task Groups develop and revise standards
• Process required to approve every TG
• Canvass ballot to establish consensus body for every TG/ document
• 7 interest classifications
• NACE membership required

New System

• 21 Standing Standards Committees (SC)
• SCs only responsible for standards
• Document Project Managers lead standards development within SCs
• SC Chair approves new standard initiation
• SC serves as voting entity for all standards in SC jurisdiction
• 3 interest classifications (user, producer, general interest)
• NACE membership optional
• Participation as either Observer or Voting Member
Value of New Structure

- Focus committees exclusively on standards
- Shorten development time
- Open to participation by all materially interested stakeholders (NACE membership not required)
- Alignment of committees is flexible offering industry sectors as well as technologies
- Enable strategic planning dedicated to standards development
- Agility to pursue new standardization opportunities
- More easily leveraged by other activities within NACE
- Visibility through Standards Board Chair seat on NACE Board of Directors
Participation Guidelines
How to engage

*Members will have an opportunity to join one or more SC*

**Expectations of performance**

- **Voting Members**
  - Active, engaged participant
  - Attend meetings
  - Vote on ALL ballots
  - Balance will be maintained

- **Observers**
  - Participate as non-voting member
  - Receive notifications of standards ballots – able to provide comments (that require adjudication) but do not have affirmative/negative/abstain vote
  - Access to same information without the responsibilities of voting member
Implementation Schedule
Timeline

October 2019
NACE Board of Directors Approval

January 2020
NACE Standards Board Orientation

February - March 2020
Establish Standards Committees (SC)
Assign Existing Documents to SCs
Select Interim SC Leaders

April 2020
Training for Interim SC Leadership

Summer 2020
Solicit participants to join SCs
Launch Collaborative Tool

September 2020
SC Kickoff Meetings at CTW
Implement SC Member Training
In Summary

• Change is difficult
  • “Any change, even a change for the better, is always accompanied by drawbacks and discomforts.”
  • -Arnold Bennett

• Necessary to reinvigorate program

• New Standards Structure positions NACE to:
  • Focus strictly on standards
  • Address industry needs
  • Attract new industry sectors
  • Shorten standards development timeline
  • Enhance quality
  • Increase global participation
  • Pursue corrosion standardization opportunities

And Lead into the Future
Thank You

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