

BPV Standards Committee on Construction of Nuclear Facility Components (III)

Supplement to Procedures for ASME Codes and
Standards Development Committees

BPV III Standards Committee Approved:
BNCS Approved:

May 9, 2019
July 16, 2019



Procedures for the BPV Standards Committee on Construction of Nuclear Facility Components (III)

These procedures are supplements to the latest revision of *Procedures for ASME Codes and Standards Development Committees* [Ref. (1)]. The two documents must be used together to provide the complete set of procedures for the BPV Standards Committee on Construction of Nuclear Facility Components.

The header of each numbered paragraph indicates how this supplement interfaces with Ref. (1).

- If the header contains a specific reference back to Ref. (1) [for example, in the first paragraph header, “ref. 1.1”], the information provided in the supplement (in this case the standards committee specific charter) is to be used in conjunction with or updates the existing Ref. (1) information.
- If the header does not contain a specific reference back to Ref. (1) [for example, in the eleventh paragraph header, only “Code Cases” is listed], the information provided in the supplement is not addressed in Ref. (1) and is new information to be used by the standards committee.
- When exceptions or deviations from the information provided in Ref. (1) are taken, such changes will be listed in this supplement under the last paragraph titled “Deviations”.

1. Charter (ref. 1.1)

To develop, review, and maintain, for publication in Section III of the Boiler and Pressure Vessel Code, rules governing the construction of: Division 1 vessels, storage tanks, piping, pumps, valves, metal containments, supports, and core support structures; Division 2 concrete containment vessels with metallic liners; Division 3 storage and transportation containments and their internal support structures for spent fuel and high-level radioactive material and waste; Division 4 components for fusion devices; and Division 5 (high temperature reactors) vessels, storage tanks, piping, pumps, valves, supports, core support structures and nonmetallic core components for use in nuclear power plants and other nuclear facilities.

Construction, as used in this charter, is an all-inclusive term that includes material, design, fabrication, installation, examination, testing, overpressure protection, inspection, stamping, and certification. These rules focus on assuring the pressure boundary integrity and the structural integrity, as applicable, of the component or item being constructed.

2. Limits on number of members (ref. 3.1)

The consensus committee shall consist of not more than 40 voting members. No more than two members of the consensus committee may be affiliated with the same organization.

3. Member interest categories (ref. 3.2.5)

Members of the consensus committee shall be placed in the following interest categories:

- (a) Manufacturer (AK);
- (b) Owner (AO);
- (c) Material Manufacturer (AM);
- (d) Regulatory (AT);
- (e) Inspection (AH);
- (f) General Interest (AF);
- (g) Constructor (AA);
- (h) Designer (AB);
- (i) Laboratory (AI)

Members of the consensus committee shall be classified in accordance with the business interests of their primary source of support for committee participation. Members who provide their own support, and members who provide consulting services, may be classified in the interest category that most closely reflects their experience and business interest.

4. Determining Subordinate Group Membership and Officers (ref. 5.1, 5.2, 6.3.2)

The consensus committee shall establish such subordinate groups as are needed to accomplish its objectives.

There are two types of subordinate groups reporting to the standards committee:

- Subordinate groups that report directly to the standards committee.
- Subordinate groups that do not report directly to the standards committee (including the Executive Committee, Special Working Groups reporting to the Executive Committee, and International Working Groups for the purposes of these procedures).

(a) Subordinate Groups Reporting Directly to the Standards Committee

(1) Appointment of Members, Contributing Members, and Delegates.

Appointments, reappointments, and terminations of membership shall be confirmed by the consensus committee.

(2) Appointment of Officers

Appointments, reappointments, or terminations of officers shall be confirmed by the consensus committee.

(b) Subordinate Groups Not Reporting Directly to the Standards Committee

(1) *Appointment of Members, Contributing Members, and Delegates*
Appointments, reappointments, and terminations of membership shall be confirmed by the consensus committee.

(2) *Appointment of Officers*
Appointments, reappointments, or terminations of officers shall be confirmed by the consensus committee. The two term limit can be exceeded for special circumstances if approved by at least 2/3 of the consensus committee members. An example of a special circumstance is that there is no other qualified candidate who is willing to serve.

(c) Reorganizations Resulting in Change of Reporting Status and Effect on Officer Terms

In the case of reorganization of the standards committee where subordinate groups change their reporting status to the standards committee, subordinate group officers shall retain their current term until the appointment expires and, if reelected, shall follow the term limit appropriate to the new reporting status, not to exceed two consecutive terms, including the term prior to reorganization, regardless of the duration of the terms.

5. Determining Project Team Membership (ref. 5.3)

The consensus committee, or its chair, or any subordinate group, or its chair, may appoint project teams. Individual members of the project team need not be from existing groups; however, appointment of members outside of existing groups shall be reported to and recorded by the standards committee. A record of project team membership shall be recorded in one of the following for the duration of the existence of the team:

- (a) ASME C&S Connect system
- (b) Minutes of the standards committee

6. Interpretations (ref. 6.1.6, 10.2)

Interpretations shall be provided for Section III of the Boiler and Pressure Vessel Code.

7. Standards Committee Actions (ref. 7)

Standards committee actions are of six types:

- (a) Approval of a proposed new standard, a proposed revision to an existing standard, a proposal to reaffirm an existing standard, or a proposal to withdraw an existing standard [See paragraph 7.2 of Ref. (1)].
- (b) Approval of national adoptions of ISO or IEC standards [See paragraph 7.3 of Ref. (1)].
- (c) Approval of editorial actions [See paragraph 7.4 of Ref. (1) and paragraph 8 of this supplement].
- (d) Approval of personnel and administrative items or actions relating to policy or ASME position [See paragraph 7.7 of Ref. (1)].
- (e) Approval of Code Cases (See paragraph 11 of this supplement).
- (f) Approval of errata (See paragraph 9 of this supplement).

8. Approval of Editorial Actions (ref. 7.4)

- (a) Editorial revisions are intended to do the following:
 - (1) clarify ambiguous or complicated passages
 - (2) expand upon or delete redundant material from the original text, to clarify its meaning, but not to alter the intent in any way
 - (3) make changes that are not substantive
- (b) Editorial revisions do not require supervisory board approval.

9. Approval of Errata Actions (ref. 7.5)

- (a) Errata are issued to correct the following:
 - (1) typographical errors or misspellings, regardless of origins
 - (2) grammatical errors
 - (3) stylistic inconsistencies
 - (4) publication of items that were approved but incorrectly published, including:
 - (-a) staff or printer's errors
 - (-b) omissions of approved items
 - (5) incorrect publication of an item that did not receive the necessary approvals
 - (6) misprints
 - (7) incorrect metric conversions or metric formatting
 - (8) incorrect mathematical equations
 - (9) incorrect units
 - (10) committee error

- (b) One option to address Section III errata involves the BPV III Standards Committee Officers. Proposed errata shall be reviewed by all of the BPV III Standards Committee Officers in accordance with the criteria of (a) above, excluding committee error errata. If the proposal is unanimously determined to be errata by the BPV III Standards Committee Officers, the staff shall post the errata on an appropriate Committee Web Page and advise the standards committee of this for information at the next scheduled standards committee meeting. No voted action is required by the standards committee.
- (c) Alternatively, errata described in (a) above, including committee error errata, shall be approved as a standards action in accordance with 7.2 of Ref (1), as modified by paragraph 12(b) below, or by no objection from any consensus committee member during a meeting in which a quorum is present.
- (d) A “committee error” errata is a published mistake in Section III that cannot be categorized as any of the other errata listed. A “committee error” errata action shall not be used to add or improve Section III requirements, provide clarity of Section III requirements, or any other action that is typically handled as a revision of Section III requirements.
- (e) Errata shall be identified, described, and published in the next edition of the standard.
- (f) Errata do not require supervisory board approval.

10. Intent Interpretations

Technical inquiries that cannot be answered on the basis of existing wording of the Code may be answerable by an “intent” interpretation. Intent interpretations are permitted only to clarify conflicting or ambiguous wording or to resolve incorrect wording. An intent interpretation shall be submitted to the standards committee for approval along with the revision(s) to the standard that support the intent interpretation. Both the intent interpretation and the revision(s) to the standard must be approved for the interpretation to be issued.

The intent interpretation and the implementing revision(s) shall be approved by ballot. Both the implementing revision(s) and the intent interpretation shall be approved as a Standards Action in accordance with paragraph 7.2 of Ref. (1) and as modified by this supplement in paragraph 12(b) below.

The approved intent interpretation shall be sent to the original inquirer when the Board on Nuclear Codes and Standards (BNCS) has approved the implementing revision(s).

11. Code Cases

Code Cases may be issued for the purpose of providing alternatives or additions to existing Code rules, or to permit early implementation of an approved Code revision. Code Cases are effective for use upon the approval date of BNCS.

Code Cases require approval by the standards committee and BNCS by the same approval process as Standards Actions, except for paragraphs 8.1 and 9.2 of Ref. (1). All proposals to adopt, revise, or annul Code Cases will be announced on the ASME Web Site for public comment. Public comments received on Code Cases will be handled in accordance with paragraph 8.4 of Ref. (1).

12. Deviations

(a) Authorization of Recorded Votes

The following procedure for authorizing a recorded vote shall be followed in lieu of paragraph 7.2.2 of Ref. (1):

A recorded vote for standards actions may be authorized by any of the following:

- (1) standards committee officer
- (2) BNCS
- (3) a majority vote of those standards committee participants present in a standards committee meeting and eligible to vote
- (4) a petition signed by five standards committee participants and provided to a standards committee officer

(b) Approval of Standards Actions

(1) When implementing paragraph 7.2.3 of Ref. (1); the Conference Committee, International Interest Review Group, Marine Conference Group, Technical Oversight Management Committee (TOMC) and BNCS shall be given the opportunity to review proposed Standards Actions concurrently with the standards committee voting. In addition, members of the TOMC shall be given an opportunity to record their disagreement with the project team's response to a comment they have made during this period.

(2) The following procedure shall be followed for a first consideration vote in lieu of paragraph 7.2.3(l) of Ref. (1):

Items are approved by the standards committee from the first consideration ballot when:

- (-a) At least two thirds of the eligible consensus committee membership (Not Voting or Disapproved without Comment responses reduce this number) vote approved; and
- (-b) There are no disapprovals from the standards committee, and no substantive comments¹ from the Conference Committee, International Interest Review Group, Marine Conference Group, or BNCS; and
- (-c) There are no substantive comments from TOMC or any unresolved² substantive TOMC comments from the first consideration ballot have been discussed and the provided response is approved at the standards committee meeting. Provided response approval requires at least two thirds of the eligible consensus committee membership (Not Voting or Disapproved without Comment responses reduce this number) voting approved and there are not more than three disapprovals from the consensus committee. For the rare instance where publication of an action could be impacted because the consensus committee could not meet in time to satisfy publication deadlines, the Executive Committee may meet by teleconference to determine if the TOMC comment is substantive enough to withhold the action from publication. In this case, the vote shall be documented in the minutes of the Executive Committee teleconference. Approval to proceed with publication of the action requires at least two thirds of the Executive Committee membership (Not Voting or Disapproved without Comment responses reduce this number) voting approved and there are not more than three disapprovals from the Executive Committee.

(3) The following procedure shall be followed for recirculation votes in lieu of paragraph 7.2.4(g) of Ref. (1):

Recirculation proposals are approved by the consensus committee when the results of a recirculation vote indicate:

- (-a) At least two thirds of the eligible consensus committee membership (Not Voting or Disapproved without Comment responses reduce this number) vote approved; and

¹ A substantive comment is either an objection with basis or a recommended change that is other than editorial.

² An unresolved substantive TOMC comment is one in which the Project Technical Manager has not provided a response or a response has been provided but the TOMC member is not satisfied with the response.

- (-b) There are not more than three disapprovals from the consensus committee; and
- (-c) There are no new disapprovals from the consensus committee based on disagreement with new changes introduced in the most recent recirculation ballot.

(c) Approval Voting Processes for Interpretations

- (1) The following procedure shall be followed for approval of interpretation actions in lieu of paragraph 10.4(d) of Ref. (1):
When the vote is taken at a standards committee meeting, no objection by at least 3/4 of the consensus committee members present, but at least 2/3 of the entire consensus committee membership, is required to approve the interpretation.
- (2) The following procedure shall be followed for approval of interpretation actions in lieu of paragraph 10.4(e)(6) of Ref. (1) when a vote is taken other than at a standards committee meeting:
Interpretations are approved by ballot when a no objection vote is recorded by at least 3/4 of the consensus committee members.

REFERENCES:

- (1) *Procedures for ASME Codes and Standards Development Committees*, latest revision.