

Date Distributed:



*THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS*

NATIONAL BOARD INSPECTION CODE SUBCOMMITTEE PRESSURE RELIEF DEVICES

AGENDA

Meeting of July 15, 2026
Salt Lake City, UT

The National Board of Boiler & Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, Ohio 43229-1183
Phone: (614)888-8320

1. Call to Order

The meeting will be called to order at 8:00 a.m. Mountain Time in the Idaho meeting room on the 1st floor of the hotel.

2. Introduction of Members and Visitors

3. Check for Quorum

4. Announcements

- This meeting marks the end of Cycle D for the 2027 NBIC edition.
- The National Board will be hosting a reception on Wednesday evening from 5:30 p.m. to 7:30 p.m. at The Lucky H Restaurant on the first floor of the hotel.
- The National Board will be hosting breakfast and lunch on Thursday for those attending the Main Committee meeting. Breakfast will be served from 7:00 a.m. to 8:00 a.m. in the Wyoming room on the first floor of the hotel, and lunch will be served at the same location from 11:30 a.m. to 12:30 p.m.
- Meeting schedules, meeting room layouts, and other helpful information can be found on the National Board website under the **NBIC** tab → NBIC Meeting Information.
- Remember to add any attachments that you'd like to show during the meeting (proposals, reference documents, powerpoints, etc.) to the NBIC SharePoint site (nationalboard.sharepoint.com/sites/NBIC) **prior to the meeting.**
 - Note that access to the NBIC SharePoint site is limited to committee members only.
 - ALL powerpoint attachments/presentations must be sent to the NBIC Secretary for approval prior to the meeting.
 - Contact Jonathan Ellis (nbicsecretary@nbbi.org) for any questions regarding NBIC SharePoint access.
- When possible, please submit proposals in Word format showing "strike through/underline." Project Managers: please ensure any proposals containing text from previous NBIC editions are updated with text from the most current edition.
- If you'd like to request a new Interpretation or Action item, do so on the National Board Business Center.
 - Anyone, member or not, can request a new item.
- As a reminder, anyone who would like to become a member of a group or committee:
 - Should attend at least two meetings prior to being put on the agenda for membership consideration. The nominee will be on the agenda for voting during their third meeting.
 - The nominee must submit the formal request along with their resume to the NBIC Secretary **PRIOR TO** the meeting. nbicsecretary@nbbi.org
 - If needed, we can also create a ballot for voting on a new member between meetings.
- Thank you to everyone who registered online for this meeting. Online registration is very helpful for planning our reception, meals, room setup, etc. It is also a good way to make sure we have the most up-to-date contact information. Please continue to use the online registration for each meeting.

5. Adoption of the Agenda

6. Approval of Minutes of the January 2026 Meeting

Members can review the January 2026 meeting minutes on the National Board website: <https://www.nationalboard.org/Index.aspx?pageID=13&ID=18>.

7. Awards/Special Recognition

8. Review of the Roster

a. Nominations

- i. Ian Flynn (Manufacturers) and John Huntington (National Board Certificate Holders) are both interested in becoming members of **Subgroup PRD**.

b. Reappointments

- i. The following **Subgroup** memberships are up for reappointment: Dan Marek, David McHugh, Kim Beise, Henry Cornett.
- ii. The following **Subcommittee** memberships are up for reappointment: Prakash Dhobi, David McHugh, Tom Tarbay.
- iii. Mr. Brandon Nutter has requested a change of interest category from NB Certificate Holder to User

c. Officer Nominations

- i. Dan Marek and David McHugh's terms as Chair and Vice Chair of **Subgroup PRD** are set to expire on August 22, 2026.

d. Resignations

- i. Mr. Billy DeKeyzer has announced his retirement and subsequent resignation from Subgroup PRD
- ii. Mr. Raymond Ceccarelli has announced his retirement and subsequent resignation from Subgroup PRD

9. Items from Other Committees

a. R&A

- i. **Item 24-18** – Definition of Controlled Fill (P. Gilston as PM)
 1. SC PRD needs to review and vote on this item.

Item Number: 24-18	NBIC Location: Part 3, 9.1
General Description Definition of Controlled Fill	
Task Group: P.Gilston (PM), A. Triplett, R. Collins, F. Johnson.	
Explanation of Need: Interpretation item I 23-79 addresses the use of the term 'controlled fill' in relation to welding method 6. The term is used in 2.5.3 d in relation to welding method 6 and more specifically in Supplement 8. Supplement 8 gives a lot of detail in schematics about a controlled fill in terms of weld bead placement, its use in controlling heat input etc., but in Welding Method 6 the term is not specifically used, but direction for welding is given, typically preheats are specified, electrode size for SMAW, and the use of stringer beads only.	
SG R&A Jan. 2026 Meeting Action: P. Gilston presented a proposal that was UA by the SG. This will go to All SG's via LB. (Parts 1, 2, 4)	
SC R&A Jan. 2026 Meeting Action: P. Gilston presented a PR , as this will be LB to all SGs.	
MC – PR	
UPDATE: Passed All SGs and SC R&A. Will be on Parts 1, 2, and 4 SC Agendas	

b. Installation

- i. **Item 25-07** – Organic fluid relief valves are installed with discharge to 55-gallon drum (D. Patten as PM)
 1. A proposal was balloted to and approved by SG PRD. SC PRD needs to review and vote on this item.

10. Interpretation Requests

Item Number: 24-38	NBIC Location: Part 4, 2.5.4.2 & Part 1, 3.9.1.6 c)
General Description: T&P relief device installation on modular HWH supply header	
Task Group: None assigned.	
Explanation of Need: The NBIC does not address the installation or location of a common T&P valve for modular HWH's. Clarification is needed on whether the common supply header can be considered part of the HWH, and whether T&P valves can be installed in the horizontal position with the outlet pointed down, if installed directly to the header with no more than 4 in. maximum interconnecting piping.	
January 2026 Meeting Action: This is an intent interpretation. This cannot move forward until the associated action item has been approved.	

Item Number: 24-46	NBIC Location: Part 4, 4.3.1 a)
General Description: Replacement of Bodies and Transfer of Nameplates During Repair	
Task Group: None assigned.	
Explanation of Need: Clarity on what defines "the valve". Is "the valve" the nameplate solely or the nameplate and serialized base; and subsequent ability to divorce the nameplate and base during repair when the base requires replacement.	
January 2026 Meeting Action: This is an intent interpretation. This cannot move forward until the associated action item (24-72) has been approved.	

New Interpretation Requests:

Item Number: 26-22	NBIC Location: Part 4, 4.8.5.4 i) 3)
General Description: Spring Identification	
Task Group: None assigned.	
Explanation of Need: Many older original sealed valves still exist. Many springs are non-identifiable due to the lack of physical space to label them, the original has identification has faded/degraded and fallen off, painted over and no other methods are available to identify these springs.	
July 2026 Meeting Action:	

Item Number: 26-23	NBIC Location: Part 4, 4.8.5.4 i) 3)
General Description: Spring Verification. Task Group: None assigned. Explanation of Need: The inquirer would like verification on if they are able to use a legacy spring chart to verify the spring, or if they have to replace the spring every time there is a update to the spring chart from the manufacturer. July 2026 Meeting Action:	

11. Action Items

Item Number: NB15-0315	NBIC Location: Part 4, 2.6.6 and 2.7.6 and Part 1, 4.5.6 and 5.3.6
General Description: Review isolation Valve Requirements, and reword to allow installation of pressure relief devices in upstream piping. Task Group: B. Nutter (PM), A. Renaldo, D. Marek, K. Beise, I. Flynn January 2026 Meeting Action: Progress report. Work continues on this item. PM informed the group that the NBIC location needed to be updated to align with current NBIC edition. I. Flynn was added to the task group. D. DeMichael resigned from the task group.	

Item Number: 19-83	NBIC Location: Part 4, Part 1
General Description: Address alternate pressure relief valve mounting permitted by ASME CC2887-1. Task Group: D. Marek (PM), T. Patel, J. Ball, J. Aguirre January 2026 Meeting Action: A proposal was presented and revised. A motion was made to accept the revised proposal. The motion was seconded and approved unanimously. The proposal will go to SG and SC Installation. R. Ceccarelli resigned from the task group and J. Aguirre was added to the task group. Note: A letter ballot for this item failed at SG Installation on 3/24/2026	

Item Number: 21-08	NBIC Location: Part 4, S4.4	No Attachment
General Description: Additional guidance for tank vent repairs Subgroup: PRD Task Group: H. Cornett, B. Nutter (PM), K. Beise, J. Grace Explanation of Need: The recently approved S4.4, "Weight Loaded Vents," (NB12-0901) provided new guidance for tank vent repairs. Several additional topics need to be addressed to enhance the guidance. These topics include: 1) Suggested test equipment and configuration for the prescribed tank vent testing. 2) Minimum requirements for replacement parts, 3) Guidance for painting tank vent components. January 2026 Meeting Action: Progress report. Work continues on this item. D. DeMichael resigned from the task group. Note: A letter ballot for this item passed SG PRD on 7/9/2026		

Item Number: 22-09	NBIC Location: Part 4, 4.6.1	No Attachment
General Description: Add language to NBIC Part 4 for valves manufactured to Code Case 2787 Subgroup: PRD Task Group: A. Donaldson (PM), H. Cornett, B. Nutter, T. Tarbay, J. Simms, T. Patel Explanation of Need: There are no requirements to address valve repairs that were manufactured or assembled to Code Case 2787 (use of more than one certified capacity on the pressure relief valve or the nameplate). January 2026 Meeting Action: Progress report. Work continues on this item. The PM indicated that the task group is waiting for CC 2787 to be adopted into Section XIII		

Item Number: 22-20	NBIC Location: Part 4, 3.2.2	No Attachment
General Description: Inspection and testing of PRV's located above isolation valves. Subgroup: PRD Task Group: D. Marek (PM), K. Beise, J. Ball, E. Creaser, H. Cornett, A. Renaldo, N. Bailey, D. Mosley, B. Nutter Explanation of Need: Add requirement to make sure the internals of a PRV inlet and outlet are inspected when it is tested, and require tests to be done with a pressure vessel with volume. January 2026 Meeting Action: A proposal was presented and a discussion was held. The proposal will be revised further by the task group. N. Bailey, D. Mosley, and B. Nutter were added to the task group. The NBIC location was updated to align with the current NBIC edition.		

Item Number: 23-32	NBIC Location: Part 4, 3.3 and Supp. 6	No Attachment
General Description: Rules for T/O activities related to Nuclear Class Valves Subgroup: PRD Task Group: E. Creaser (PM), P. Dhobi, D. McHugh, J. Simms Explanation of Need: Nuclear facilities that perform repair and T/O activities would by allowing them to use T/O for nuclear class valves that were serviced but not in need of repair but need to be set and sealed again. January 2026 Meeting Action: Progress report. Work continues on this item.		

Item Number: 24-35	NBIC Location: Part 4, 4.6.2	No Attachment
General Description: Update Testing of UV-Designated Steam valves on Air to match ASME XIII Subgroup: PRD Task Group: T. Beirne, B. Nutter, N. Bailey, B. DeKeyzer, D. Marek, A. Donaldson, C. Turner, H. Cornett (PM), T. Patel, and I. Flynn Explanation of Need: ASME Section XIII Table 3.6.3.1-1 Note 3 permits UV-designated steam valves to be tested using air when the valve is beyond the testing capabilities due to set pressure or capacity. The NBIC only permits steam valves to be tested on air by the owner/user. This should be permitted by any VR shop that has steam test equipment since it is permitted under the rules for new construction. January 2026 Meeting Action: Progress report. A proposal was presented, and a brief discussion was held. A revised proposal will be sent to letter ballot for SG and SC PRD between meetings. Note: A letter ballot for this item failed at SG PRD on 6/30/26		

Item Number: 24-72	NBIC Location: Part 4, 4.3.1	No Attachment
General Description: Add Language to Address Replacement of Valve Bodies and Bases Subgroup: PRD Task Group: A. Donaldson (PM), G. Salwan, E. Creaser, H. Cornett, B. Nutter, P. Dhobi, T. Tarbay, T. Patel Explanation of Need: Under the current text of 4.3.1 there are no guidelines for the replacement of valve components to which the original nameplate is attached. January 2026 Meeting Action: Progress report. A proposal will be sent to letter ballot for SG and SC PRD between meetings.		

Item Number: 24-91	NBIC Location: Part 4, 3.2.3	No Attachment
General Description: Require means to prevent safety valve discharge piping blockage for LCDSV Subgroup: PRD Task Group: A. Renaldo (PM), J. Simms, D. Schirmer, D. Sullivan, J. Aguirre, D. Marek Explanation of Need: Adding verbiage to the NBIC Part 1, Part 2 and Part 4 to require a means to prevent foreign material introduction to the safety valve discharge pipe. January 2026 Meeting Action: Progress report. Work continues on this item. R. Ceccarelli has resigned from the task group. J. Aguirre and D. Marek were added to the task group.		

Item Number: 24-101	NBIC Location: Part 4, Sections 3 and 4	No Attachment
General Description: Revise NBIC to expand VR and T/O programs beyond ASME Certified Valves Subgroup: PRD Task Group: E. Creaser (PM), D. Marek, T. Beirne, H. Cornett, K. Beise, R. Viers, N. Bailey, A. Donaldson, D. Mosley, C. Turner, I. Flynn Explanation of Need: The National Board upper management and Board of Trustees have decided to expand the VR and T/O programs to valves that are constructed to standards other than ASME. The proposal file contains changes that would accomplish this goal. Changes to NB-514 and NB-528 will follow. January 2026 Meeting Action: A proposal for this item was sent to letter ballot for SG PRD prior to the meeting and failed. A brief discussion was held, and a revised proposal will be developed. It was noted that some edits contain scope changes which would need to be approved by the Board. Mr. Creaser to provide letter from the Board authorizing the changes to scope. D. Mosley, I Flynn, and C. Turner were added to the task group.		

Item Number: 25-30	NBIC Location: Part 4, 4.7.2 b) 3)	No Attachment
General Description: Association of Repair for Pilots and Main Valves Subgroup: PRD Task Group: N. Bailey, J. Simms, D. Marek, D. Mosley, P. Dhobi, C. Turner, K. Beise, I. Flynn, B. Nutter, B. DeKeyzer, H. Cornett, A. Renaldo (PM), T. Patel Explanation of Need: There is currently not language tying the pilot and main valve of a pilot-operated pressure relief valve to one another following repair. Background Information: ASME Section XIII 3.9 (f) (1) mandates that the pilot and main valve of a pilot-operated pressure relief valve each be marked with the same unique identifier to establish association of both components. This would create a similar requirement in NBIC to establish association of the pilot and main valve of pilot-operated pressure relief valves as being part of a single VR repair. January 2026 Meeting Action: Progress report. Work continues on this item. T. Patel was added to the task group.		

Item Number: 25-38	NBIC Location: Part 4, 3.2.5.1 and 4.6.1	No Attachment
General Description: Address Testing of Pilot Valves as Complete Assembly Subgroup: PRD Task Group: N. Bailey, J. Simms, D. Marek, D. Mosley, P. Dhobi, C. Turner, K. Beise, I. Flynn, B. Nutter, T. Patel, H. Cornett, B. DeKeyzer, A. Renaldo (PM) Explanation of Need: ASME Section XIII 3.6.2 (1) and (2) requires that pilot operated valves be tested at least once as a complete assembly to verify all components are properly connected, leak tight, and that the pilot actuates the main valve. This also verifies freedom of operation of the main valve. Background Information: Pilot operated valves in service have been field tested by checking pilot set point without verification that the main valve will open. January 2026 Meeting Action: Progress report. Work continues on this item. CC 3057 has been incorporated into Section XIII, so the Explanation of Need was updated.		

Item Number: 25-71	NBIC Location: Part 4, 3.3.3.4 & 4.8.5.4	No Attachment
General Description: Harmonize elements of QMS Requirements for T/O and VR programs Subgroup: PRD Task Group: None assigned. Explanation of Need: 3.3.3.4 and 4.8.5.4 list QMS requirements for T/O and VR programs. Some wording that should be identical between the two paragraphs is different and should be brought into harmony. Background Information: Elements of the QMS Requirements for the VR and T/O programs necessarily need to be different due to the scopes of the programs being different, however, the elements listed above should be identical and currently are not. January 2026 Meeting Action: A proposal was presented at SG PRD. The proposal will be sent to letter ballot for SG and SC PRD between meetings. Note: This item passed letter ballot at SG PRD on 3/24/2026		

Item Number: 25-73	NBIC Location: Part 4, 4.6.1
General Description: “Defining set pressure for VR setting and testing” Subgroup: PRD Task Group: H. Cornett (PM), T. Patel, B. Nutter, I. Flynn, D. Mosley, C. Turner, N. Bailey, E. Heck, D. Marek Explanation of Need: This change is needed to align Part 3&4 and to define set pressure under VR setting & Testing. Background Information: In my 51 years in the Assembly & Repair of Pressure Relief Valves, I have always used the same process for establishing and documenting PRV Set Pressure. However, that method was never documented in ASME Code or NBIC until the T/O Program was instituted by the National Board. Reference NBIC Part 4, ¶ 3.3.4 c) Pressure relief valves shall be tested to confirm that the set pressure (defined as the average of at least three consecutive tests) is within the allowable tolerance specified by the applicable ASME Code section and NBIC. Test results, including test gauge identification, shall be recorded on the document referred to in 3.3.3.4 h), above. January 2026 Meeting Action: A proposal was presented at SG PRD. The task group listed above was assigned at SG PRD to further develop the proposal.	

Item Number: 25-74	NBIC Location: Part 4, 4.3.1
General Description: “Definition for critical replacement parts” Subgroup: PRD Task Group: A. Donaldson (PM), E. Heck, N. Bailey, T. Patel, I. Flynn, H. Cornett, B. Nutter Explanation of Need: There is no definition of a critical replacement part in NBIC. This change is needed for clarification and alignment with the definition of a Critical Part. Background Information: In the VR Program, there is a signification difference between a Critical Replacement Part and a Replacement Critical Part. ¶ 4.3.1 a) defines criticals part as, “... those that may affect the valve flow passage, capacity, function, or pressure-retaining integrity.” This definition is unchanged since NB-65, 1985 Edition. If a part that does not meet the definition in ¶ 4.3.1 a), e.g. Lifting Lever, needs replacing, but is not available, the repair cannot be completed. Therefore, the Lifting Lever is “critical” to the repair. On the other hand, if a Disc, Nozzle, or Spring that does meet the definition in ¶ 4.3.1 a) needs replacing, it is a “Replacement Critical Part” as referred to in NBIC since the 2009 Edition, in ¶ S7.5 c), Replacement critical parts receiving records shall be attached or be traceable to the valve repair document (see S7.3[a]). There is no definition of a critical replacement part in NBIC. January 2026 Meeting Action: A proposal was presented at SG PRD. The task group listed above was assigned at SG PRD to further develop the proposal. Note: A letter ballot for this item failed at SG PRD on 6/17/26	

12. New Business

13. Future Meetings

- January 11-14, 2027 – Nashville, TN

14. Adjournment

Respectfully Submitted,



Robert Viers
Secretary, Subgroup Pressure Relief Devices