Date Distributed:

THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS

NATIONAL BOARD INSPECTION CODE SUBGROUP PRESSURE RELIEF DEVICES

AGENDA

Meeting of January 13, 2026
New Orleans, LA

The National Board of Boiler & Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, Ohio 43229-1183
Phone: (614)888-8320
FAX: (614)847-1828

1. **Call to Order**

   The meeting will be called to order at 8:00 a.m. Central Time, in Canal A 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 C 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 Hard Rock Café on Bourbon Street.
   - 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 Atrium on the 2nd 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.
   - The NBIC Committee has transitioned from NB File Share to SharePoint. 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. The 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 July 2025 Meeting**

   The minutes from the July 2025 meeting can be found on the NBIC Committee information page on the National Board's website, nbbi.org.

7. **Awards/Special Recognition**

   Mr. Jay Simms – 5 years on Subgroup PRD

8. **Review of the Roster**
   a. **Nominations**

   b. **Reappointments**

      The following Subgroup memberships are up for reappointment: Mr. Denis DeMichael, Mr. Brandon Nutter, Mr. Adam Renaldo, Mr. Del Schirmer, and Mr. Jon Wolf.

   c. **Officer Nominations**

   d. **Resignations**

9. **Items from Other Committees**
   a. **R&A**
      i. **Item 24-18 –** Definition of Controlled Fill (P. Gilston as PM)
   b. **Installation**
      i. **Item 25-07** – Organic fluid relief valves are installed with discharge to 55 gallon drum (D. Patten as PM)

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. **July 2025 Meeting Action:** This is an intent interpretation. The associated action item needs to be approved prior to any further action taking place with this interpretation.	

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.

July 2025 Meeting Action: This is an intent interpretation. The associated action item needs to be approved prior to any further action taking place with this interpretation.

New Interpretation Requests:

Item Number: 25-47	NBIC Location: Part 4, 3.3.3.4 i) 1)

General Description: T/O Testing in place.

Task Group: None assigned.

Explanation of Need: Clarification of new statement in 2025 NB-23.

January 2026 Meeting Action:

11. Action Items

Item Number: NB15-0315	NBIC Location: Part 4, 2.5.6 and 2.6.6 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: D. DeMichael, B. Nutter (PM), A. Renaldo, D. Marek, K. Beise

July 2025 Meeting Action: Progress report. Work continues on this item.

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, R. Ceccarelli

July 2025 Meeting Action: Progress report. Work continues on this item.

Item Number: 21-08 **NBIC Location: Part 4, S4.4**

General Description: Additional guidance for tank vent repairs

Subgroup: PRD
Task Group: D. DeMichael, 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.

July 2025 Meeting Action: Progress report. Work continues on this item.

Item Number: 22-09 **NBIC Location: Part 4, 4.6.1**

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).

July 2025 Meeting Action: Progress report. Work continues on this item.

Item Number: 22-20 **NBIC Location: Part 4, 4.7.4**

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

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.

July 2025 Meeting Action: Progress report. Work continues on this item.

Item Number: 23-32	**NBIC Location: Part 4, 3.3 and Supp. 6**

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.

July 2025 Meeting Action: Progress report. Work continues on this item.

Item Number: 24-35	**NBIC Location: Part 4, 4.6.2**

General Description: Update Testing of UV-Designated Steam valves on Air to match ASME XIII

Subgroup: PRD

Task Group: H. Cornett (PM), B. Nutter, N. Bailey, B. DeKeyzer, D. Marek, A. Donaldson, C. Turner, T. Beirne, 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.

July 2025 Meeting Action: Progress report. Work continues on this item. B. Nutter, N. Bailey, B. DeKeyzer, D. Marek, A. Donaldson, C. Turner, H. Cornett, T. Patel, and I. Flynn were added to the task group to further develop the proposal. H. Cornett was reassigned as PM.

Item Number: 24-72	**NBIC Location: Part 4, 4.3.1**

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.

July 2025 Meeting Action: Progress report. Work continues on this item.

Item Number: 24-91	**NBIC Location: Part 4, 3.2.3**

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, R. Ceccarelli

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.

July 2025 Meeting Action: A progress report with a proposal was presented and a discussion was held. The task group continues to work on this item.

Item Number: 24-101	**NBIC Location: Part 4, Sections 3 and 4**

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

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.

July 2025 Meeting Action: A progress report and proposal in progress were presented and a discussion was held. The task group continues to work on this item.

Update: A proposal was sent out to the Subgroup and Subcommittee for Review and Comment prior to this meeting.

Item Number: 25-30 **NBIC Location: Part 4, 4.7.2 b) 3)**

General Description: Association of Repair for Pilots and Main Valves

Subgroup: PRD

Task Group: None assigned.

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.

July 2025 Meeting Action: A proposal was presented. A task group was assigned to further develop the proposal.

Item Number: 25-38 **NBIC Location: Part 4, 3.2.5.1 and 4.6.1**

General Description: Address Testing of Pilot Valves as Complete Assembly

Subgroup: PRD
Task Group: None assigned.

Explanation of Need: ASME CC 3057 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.

July 2025 Meeting Action: A proposal was presented. A task group was assigned to further develop the proposal.

12. New Business

Item Number: 25-36	**NBIC Location: Part 2, S8.2**

General Description: Relief valve differential percentage conflict.

Subgroup: PRD

Task Group: None assigned.

Explanation of Need: Clarification is needed to ensure a correct assessment of the recommended differential pressure percentage between the operating pressure and lifting pressure of the pressure relief valve. When making formal recommendations for corrective action due to high operating pressure differentials observed during inspections, the correct recommended value is needed to guide the adjustments necessary.

Background Information: HWH boilers observed in the field sometimes operate in excess of this differential and close to the relief valve setpoint. The conflict in example b) shows a 20 percent differential, not the apparently intended 25 percent in the introductory paragraph.

January 2026 Meeting Action:

Item Number: 25-52	**NBIC Location: Part 4, 1.3.1**

General Description: Update References from ASME PTC-25 to ASME Section XIII M-V

Subgroup: PRD

Task Group: None assigned.

Explanation of Need: The current reference to PTC-25 in Part 4 1.3.1 is outdated.

Background Information: With the 2025 Edition of the ASME Code, PTC-25 has been incorporated into Mandatory Appendix V of Section XIII

January 2026 Meeting Action:

Item Number: 25-71	**NBIC Location: Part 4, 3.3.3.4 & 4.8.5.4**

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:

Item Number: 25-72 **NBIC Location: Part 4, 3.4**

General Description: "Organization reference for annual audits of T/O"

Subgroup: PRD

Task Group: None assigned.

Explanation of Need: A simple correction to reference the proper organization.

Background Information: Review of NBIC Part 4 regarding the T/O Program, ¶ 3.4 b) uses "repair organization" to refer to the T/O Certificate Holder. The term "testing organization" is used nine times to refer to the T/O Certificate Holder.

January 2026 Meeting Action:

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: None assigned.

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:

Item Number: 25-74	**NBIC Location: Part 4, 4.3.1**

General Description: "Definition for critical replacement parts"

Subgroup: PRD

Task Group: None assigned.

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:

13. Future Meetings

- July 13-16, 2026 – Salt Lake City, UT
- January 11-14, 2027 – Nashville, TN

14. Adjournment

Respectfully Submitted,

Robert Viers
Secretary, Subgroup Pressure Relief Devices