

Date Distributed:



*THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS*

NATIONAL BOARD INSPECTION CODE COMMITTEE

MAIN SESSION AGENDA

Meeting of July 16, 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 Chair will call the meeting to order at 9:00 a.m. Mountain Time. The meeting will be held in Ballroom B and C on the first floor of the hotel.

2. Introduction of Members and Visitors

3. Check for a Quorum

4. Awards/Special Recognition

Mr. Tim Simmons – 5 years on Main Committee

5. Announcements

- This meeting marked the end of Cycle D for the 2027 NBIC edition.
- 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.

6. Adoption of the Agenda

7. Approval of the Minutes of the January 2026 Meeting

The minutes are available for review online at <https://www.nationalboard.org/Index.aspx?pageID=13&ID=18>.

8. Items Approved for the 2027 NBIC

A list of items approved for the 2027 edition of the NBIC can be found on Attachment Page 1.

9. Subcommittee Reports

a. Subcommittee Repairs & Alterations

i. Old Interpretation Requests:

ii. New Interpretation Requests:

Item Number: I25-92 NBIC Location: Part 3, 4.4.2 a) 1)
General Description: Liquid Test Pressure for Alterations
Subgroup: Repairs and Alterations
Task Group: J. Smith (PM)
Explanation of Need: Clarification is needed due to Interpretation 95-19 because if still in effect, it says that the use of original code of construction does not include the edition and addenda. Interpretation 95-19 was issued prior to the change in the design margin/stress values. Interpretation 95-19: Question: When the NBIC references “the original code of construction,” is it required to use the edition and addenda of that code as used for construction? Reply: No. The term “original code of construction” refers to the document itself, not the edition/addenda of the document. Repairs and alterations may be performed to the edition/addenda used for the original construction or a later edition/addenda most applicable to the work. Without clarification there will be different interpretations as to the required test pressure when altering pressure vessels constructed to the ASME Code, Section VIII, Div 1, 1998 and earlier codes.
July 2026 Meeting Action:

Item Number: I26-24 NBIC Location: Part 3, 4.4.2 a) 1)
General Description: Use of flux coated GTAW filler in Welding Method 6 repairs
Subgroup: Repairs and Alterations
Task Group: None assigned.
Explanation of Need: An option for the repair of Grade 91 tube materials by GTAW process without the need for purge gas is desired. Flux coated GTAW filler metals can provide high quality welds with better control of heat input than SMAW electrodes. As currently written, by requiring that martensitic, iron-based filler metals be assigned to F-Number 4 or F-Number 6, 2.5.3.6 5) e) precludes the use of flux-coated GTAW filler metals.
July 2026 Meeting Action:

iii. Action Items

TG Graphite Items:

Item Number: A26-04	NBIC Location: Part 3, Supplement 3
General Description: Re-organize Part 3, Supplement 3 and add new repair procedures	
Subgroup: Graphite	
Task Group: A Viet (PM)	
Explanation of Need: Re-writing and organizing the supplement for clarity.	
SC R&A July 2026 Meeting Action:	
NOTE: This item was approved by the Subcommittee on June 3 rd , and it is currently being balloted to Main Committee.	

TG FRP Items:

There are currently no FRP items open for Part 3.

TG Historical Items:

Item Number: 20-25	NBIC Location: Part 3, S2.13
General Description: Repair Procedure for Fire Boxes	
Subgroup: SG Historical	
Task Group: M. Wahl (PM), R. Forbes, T. Dillon, L. Moedinger, C. Jowett, F. Johnson	
Explanation of Need: In NBIC Part 3, S2.13.10.3, S2.13.11 do not define what to do at a riveted joint. On the tubesheet, or firedoor sheet, where it is flanged to rivet to the firebox, the repairs are silent on what to do at the riveted joint.	
January 2026 Meeting Action: Mr. Seime stated that work is still being done on this item.	

TG Locomotive Items:

Item Number: 24-79	NBIC Location: Part 3, S1.1.1 b)
General Description: Value of Default Tensile Strength	
Subgroup: TG Locomotive Task Group: M. Ray (PM)	
Explanation of Need: FRA mandates default of 50,000 psi but boilers built after 1921 have better than 55,000 psi steel.	
January 2026 Meeting Action: Ms. Moore stated that the task group is still working on this item.	

Item Number: 24-81	NBIC Location: Part 3, Table S1.1.3.1
General Description: Revise Table S1.1.3.1, Part 3, Section 6	
Subgroup: TG Locomotive Task Group: R. Franzen (PM), T. Botti	
Explanation of Need: Need alternate material for Hollow Cylindrical Pressure Retaining Parts. Propose SA-106-B which is hollow seamless pipe to be used for super heater ball end parts. The new line-item title in the table would be "SH Unit Ball Ends", material options would be SA-106-B, SA-675, SA-696. Change first line item from Boiler Tubes & Flues, Arch Tubes, Superheater Units, change to Boiler Tubes & Flues, Arch Tubes, Superheater Units & Tubing. See other changes in table in RED.	
January 2026 Meeting Action: Ms. Moore stated that the task group is still working on this item.	

Item Number: 25-17	NBIC Location: Part 3, S1.2
General Description: Part 3, S1.2 revisions	
Subgroup: TG Locomotive Task Group: T. Botti (PM) Submitted by: T. Botti	
Explanation of Need: This action item is to clean up S1.2 to more clearly convey requirements of the various locomotive staybolt designs. This action is intended as a cleanup of existing information; if requirements are added or removed they will be covered by further action items.	
January 2026 Meeting Action: Ms. Moore stated that the task group is still working on this item.	

Item Number: 25-57	NBIC Location: Part 3, S1.2.12.2
General Description: Part 3, S1.2 revisions Subgroup: TG Locomotive Task Group: M. Ray (PM) Submitted by: M. Ray Explanation of Need: This item corrects an omission regarding locomotive boiler washout plugs. Jan. 2026 Meeting Action: L. Moedinger presented a progress report. The task group is still working on this item.	

NR Task Group Items:

Item Number: A23-60	NBIC Location: Part 3, 1.6
General Description: Endorsements required for Nuclear Inspectors based on Category of work Subgroup: NR TG Task Group: C. Dinic (PM) Explanation of Need: Endorsements required for Nuclear Inspectors based on Category of work (1, 2, or 3) January 2026 Meeting Action: Mr. Spuhl stated that the proposal is still in development for this item.	

Item Number: A24-09	NBIC Location: Part 3, 1.6.1 – 1.6.5
General Description: Update and revise NR Scope in 1.6.1 - 1.6.5 Subgroup: NR TG Task Group: R. Spuhl (PM) Explanation of Need: Scope and update and revision to 1.6.1 - 1.6.5. January 2026 Meeting Action: Mr. Spuhl reported that work is still being done on this item.	

Item Number: A25-90 NBIC Location: Part 3, 1.6
General Description: Clarify the use of the capitalized word "Code" within Part 3 Section 1.6 Subgroup: NR TG Task Group: B. Schaefer (PM) Explanation of Need: Table 1.6.2.1 was removed from Part 3 and there are a few locations where a specific reference is needed since the term is no longer identified on the table. July 2026 Meeting Action:

Item Number: A25-91 NBIC Location: Part 3, 1.6
General Description: Add the name of ASME NQA-1 within this body of the "NR" program requirement Subgroup: NR TG Task Group: B. Schaefer (PM) Explanation of Need: Provide a specific location to reference the published name of ASME NQA-1 within Section 1.6 and identify the specific code reference for each NQA-1 requirement. July 2026 Meeting Action:

Item Number: A26-02 NBIC Location: Part 3, 1.6
General Description: Reformatting/Revision of NBIC Part 3, 1.6 Subgroup: NR TG Task Group: A. Triplett (PM) Explanation of Need: The language in NBIC Part 3, 1.6 - in particular the QAP/QAM requirements for Category 1, 2, and 3 programs - is unwieldy and contains many instances of repeated requirements. In addition, a variety of editorial changes need made to existing language in 1.6. As a result, "NR" Task Group Chair Ray Spuhl has requested a revision to the entirety of 1.6 that resolves these issues and makes it easier to navigate for "NR" Certificate Holders, AIAs, Team Leaders, etc. July 2026 Meeting Action:

SG Repairs & Alterations Items:

Item Number: A23-21 NBIC Location: Part 3, 3.3.4.9	
General Description: Boiler tube plug guidelines and inclusion or watertube boilers	
Subgroup: Repairs and Alterations	
Task Group: E. Cutlip (PM), P. Gilston, A. Triplett, J. Ferreira	
Explanation of Need: Currently both firetube and watertube boilers require a boiler tube be plugged when replacement of a tube is not practicable at the time the defective tube is detected.	
January 2026 Meeting Action: Ms. Moore stated that the task group is still working on a proposal for this item.	

Item Number: A23-35 NBIC Location: All Parts, 9.1	
General Description: Definition of "non-load bearing attachment" (All Parts)	
Subgroup: Repairs and Alterations	
Task Group: T. White (PM), A. Khssassi, J. Walker, P. Lentzer	
Explanation of Need: The term "nonload bearing attachment" is used as a basis for determining a routine repair but is not defined in the NBIC.	
January 2026 Meeting Action: Ms. Moore stated that a proposal is ready to be balloted to Main Committee.	
NOTE: A ballot was submitted to Main Committee in March 2026, and this ballot failed to pass.	

Item Number: A23-61 NBIC Location: Part 3, S9.3	
General Description: Revise NBIC R-2 Report and guide	
Subgroup: Repairs and Alterations	
Task Group: B. Schaefer (PM), T. LeBeau	
Explanation of Need: Updates to the R-2 Report and the guide for completing R Report.	
January 2026 Meeting Action: Ms. Moore stated that the task group is still working on this item.	

Item Number: A24-18	NBIC Location: Part 3, 9.1
General Description: Definition of Controlled Fill Subgroup: Repairs and Alterations 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. January 2026 Meeting Action: Ms. Moore stated that a proposal is going to be balloted to all subgroups for review and approval.	
Item Number: A24-21	NBIC Location: Part 3, 9.1
General Description: Engineered Repairs and Alterations - Section 1 Scope and Manual reqs Subgroup: Repairs and Alterations Task Group: M. Schaser (PM), B. Ray, R. Underwood, B. Boseo, D. Marek, J. Siefert, P. Becker Explanation of Need: The scope of "Engineered Repairs and Alterations" (A21-45) needs to be clarified in 1.4.1 d) and reflected in the scope statement requirements for manuals in 1.5.1 a). January 2026 Meeting Action: Ms. Moore stated that the task group is still working on a proposal for this item.	
Item Number: A24-96	NBIC Location: Part 3, 5.5 a)
General Description: Add examples of repairs and alterations specific to Electrochemical Stacks Subgroup: Repairs and Alterations Task Group: A. Triplett (PM) Explanation of Need: With inclusion and initial deployments of electrochemical stacks as U Stamped pressure vessels under ASME BPVC Section VIII Division 1 and Code Case 3078, these stacks are starting to be shipped and registered with the National Board. Some basic examples of allowed repairs are needed to help guide an understanding of limitations for electrochemical stacks. January 2026 Meeting Action: Ms. Moore stated that work is still being done on this item.	

Item Number: A25-18 NBIC Location: Part 3, 5.7.5
General Description: Requirements for Stamping and Nameplates Subgroup: Repairs and Alterations Task Group: B. McGuire (PM), Lane Baker Explanation of Need: which contains critical identification information. However, HRSG boilers differ in that they have multiple master nameplates for different sections (e.g., HP, LP, economizer), all located on the outer casing of the boiler. Currently, NBIC repair nameplates do not provide a way to indicate which specific section was repaired. This limitation creates confusion for future inspections and maintenance, as there is no clear indication of which section underwent repairs. Adding a requirement for repair nameplates to include the specific HRSG boiler section being repaired will enhance clarity and traceability. January 2026 Meeting Action: Ms. Moore informed the committee that the task group is still working on this item.

Item Number: A25-20 NBIC Location: Part 3, 3.3.4.6
General Description: Adoption of reinforcement/fillet welded patches from PCC-2 Subgroup: Repairs and Alterations Task Group: M. Schaser (PM) Explanation of Need: Oil refineries are scant on shutdown opportunities and vital to the fuel needs of the community. At times inspection departments will detect corrosion on an in-service piece of equipment and be unable to clean it up for internal entry without a planned outage. Fillet welded patches are a safer alternative to external weld metal build up, or fitness for service. January 2026 Meeting Action: Ms. Moore provided a progress report for this item.

Item Number: A25-43 NBIC Location: Part 3, New Supplement
General Description: General Requirements for Mechanical Repairs Subgroup: Repairs and Alterations Task Group: T. McBee (PM) Explanation of Need: A new supplement is needed to provide guidance for firms who would like to engage in mechanical repairs utilizing their R Certificate. NOTE: This item has been put on hold pending a review by the National Board's Board of Trustees.

Item Number: A25-50 NBIC Location: Part 3, S11.3.1
General Description: Expand the scope of Encapsulation Subgroup: Repairs and Alterations Task Group: B. Boseo (PM) Explanation of Need: Now that Supplement 11 has been approved, the scope of Encapsulation can now be expanded. January 2026 Meeting Action: Ms. Moore provided a progress report for this item.

Item Number: A25-59 NBIC Location: Part 3, S11.1
General Description: Supplement 11 Scope Updates Subgroup: Repairs and Alterations Task Group: M. Schaser (PM), B. Boseo Explanation of Need: Updating the scope of Supplement 11 to include additional guidance and limitations as well as updating the subsection and paragraphs to remove “Engineering” and replace with “Advanced”. January 2026 Meeting Action: Ms. Moore provided a progress report for this item.

Item Number: A25-60 NBIC Location: Part 3, 3.4.1
General Description: Pressure Test Exemption per Part 3 Paragraph 3.4.1 d) Subgroup: Repairs and Alterations Task Group: M. Schaser (PM), H. Fee, M. Vogt, K. Derrick Explanation of Need: Update wording in Part 3, paragraph 3.4.1.d to be consistent and more robust. January 2026 Meeting Action: Ms. Moore provided a progress report for this item.

Item Number: A25-84 NBIC Location: Part 3, 2.5.3
General Description: Edits to Part 3, 2.5.3 Subgroup: Repairs and Alterations Task Group: J. Siefert (PM) Explanation of Need: Clarification on when to seek technical guidance, when this should or shall be required, and clarification of other language that currently resides in 2.5.3. January 2026 Meeting Action: Ms. Moore provided a progress report for this item.

iv. New Items:

Item Number: A26-01 NBIC Location: Part 3, S11.2.2
General Description: S11.2.2 Repair of PRIs Without Complete Removal of Defect Subgroup: Repairs and Alterations Task Group: M. Schaser (PM), T. LeBeau, R. Collins, K. Derrick, J. Hayes Explanation of Need: Update paragraph S11.2.2 to be consistent with standard terminology and methodology associated with Fitness-for-Service (FFS). July 2026 Meeting Action:

Item Number: A26-03 NBIC Location: Part 3, 3.3.3 j) 1)
General Description: Reviewing/revising Part 3, 3.3.3 j) 1) for clarity Subgroup: Repairs and Alterations Task Group: R. Collins (PM), A. Thompson Explanation of Need: It is unclear if the phrase "including orientation" refers to the nozzle's location on the vessel or if it refers to the direction the nozzle faces. Or if it refers to something else entirely. July 2026 Meeting Action:

Item Number: A26-06 NBIC Location: Part 3, S12.1
General Description: Additive weld metal - nickel alloys and GR 91 for time-dependent service Subgroup: Repairs and Alterations Task Group: None assigned. Explanation of Need: We now have supporting information to move forward with “additive weld metal” (DED-wire) in time-dependent service for select alloys. I updated the approved proposal (23-09) to allow nickel alloys and grade 91 to be used in time-dependent service. All that was required was a change to the scope. No changes in the rules were required. July 2026 Meeting Action:

Item Number: A26-07 NBIC Location: Part 3, 2.5.3.3 and 2.5.3.4
General Description: Alternative Weld Methods for P3 to P4. Subgroup: Repairs and Alterations Task Group: None assigned. Explanation of Need: An acceptable method is needed to qualify and apply a temper-bead welding procedure, in accordance with ASME Section IX and NBIC Part 3, for a P-No. 3 to P-No. 4 tube-to-header repair on an ASME Section I boiler when post weld heat treatment (PWHT) is impractical. July 2026 Meeting Action:

Item Number: A26-14 NBIC Location: Part 3, 9.1
General Description: Owner-User Inspector - Definition Revision Subgroup: Repairs and Alterations Task Group: None assigned. Explanation of Need: There is no such thing as an "Owner-User Commission". July 2026 Meeting Action:

Item Number: A26-16 NBIC Location: Part 3, 2.2.1 and 2.2.3

General Description: Box Header welding procedure and personnel qualification relief

Subgroup: Repairs and Alterations

Task Group: None assigned.

Explanation of Need: In the repair environment the corner joints in a box header are no different than any other full penetration weld. the ASME joint design requirements and by extension the special qualification requirements should be waived as they are not adding value when the joints are repaired by welders that have been qualified without backing for the materials and position required for the repair.

July 2026 Meeting Action:

Item Number: A26-17 NBIC Location: Part 3, 2.5.3.6 c) and 2.5.3.6 c) 5) e)

General Description: Add missing verbiage to Welding Method 6 for filler metals

Subgroup: Repairs and Alterations

Task Group: None assigned.

Explanation of Need: Welding Method 6 - 2.5.3.6 c)5)d) & e) are missing text that describe when to use the prescribed filler metals. This revision is to limit martensitic fillers for the joining of ASME P-No. 15E, Group 1 to P-No. 5A; and to limit austenitic fillers to ASME P-No. 15E, Group 1 to P-No. 8, P-No. 42, P-No. 43 or P-No. 45. This mirrors Welding Method 7, 2.5.3.7 i)4) & 5).

July 2026 Meeting Action:

Item Number: A26-18 NBIC Location: 3.3.2 e)

General Description: Additional routine repair category for dimple jacket weld repairs by OEM

Subgroup: Repairs and Alterations

Task Group: None assigned.

Explanation of Need: The fifth paragraph of the forward to all parts of NB23 talks to rules that "reasonably certain protection of life and property, so as to give a reasonably long, safe period of usefulness" with that in mind repairs to dimple jacket welds are very low risk from sudden discharges of pressure and tend to leak before braking- when conducting inspections of these repairs the actions of repair inspector are quite administrative and do not seem to be fundamentally essential to goals on the NB23 publication.

July 2026 Meeting Action:

Item Number: A26-28 NBIC Location: 1.5.1 q) 4)

General Description: QMS timeframe for the return of the "R" Symbol stamp

Subgroup: Repairs and Alterations

Task Group: None assigned.

Explanation of Need: This would propose a specific timeframe, (30days, 90 days, 1 year, etc.) for the return of the "R" Stamp.

July 2026 Meeting Action:

Item Number: A26-31 NBIC Location: Part 3, Supplement 8

General Description: Supplement 8 revision to include fillet welds
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Subgroup: Repairs and Alterations

Task Group: None assigned.
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Explanation of Need:

Repairs and replacements to Boiler External Piping systems frequently involve P No. 15E (Grade 91) small bore piping components. Performing Postweld Heat Treatment (PWHT) on these components presents significant challenges, particularly where localized PWHT may expose sensitive components, such as valve internals, to elevated temperatures that could result in premature degradation or failure.
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Additional complications may arise due to abrupt changes in material thickness, such as those associated with socket welded fittings, where fillet welds are commonly used. NBIC Part 3, Supplement 8 provides alternative technical guidance for weld repair and post repair inspection of certain creep strength enhanced ferritic steel (CSEF) pressure retaining items.
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It is requested of the committee to entertain addressing repair of small diameter fillet welds using supplement 8 provisions. This will provide greater uniform clarity in industry on repair of these items.
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July 2026 Meeting Action:

Item Number: A26-32 NBIC Location: Part 3, 3.3.3 and 3.4.4
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General Description: Deletion of repair / alterations examples
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Subgroup: Repairs and Alterations

Task Group: None assigned.
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Explanation of Need:

The lists of repair and alteration examples frequently causes confusion to code users and at times is misleading as to the intent of the committee. Interpretation 25 clearly establishes that the examples are just that not the definitions. with the recent addition of supplement 10 and the existing and long-standing definitions of Alteration and Repair in the glossary the examples or repairs / alteration serves no use.

July 2026 Meeting Action:

Item Number: A26-33 NBIC Location: Part 3, 9.1
General Description: Define "Required Thickness" Subgroup: Repairs and Alterations Task Group: None assigned. Explanation of Need: Current U-1A data reports list nominal thickness, which reflects procured material thickness; but does not represent required wall thickness for safe operation. Inspectors in the field often cannot determine required thickness because the U-1A does not capture full design inputs (e.g., UG-22 loadings like external piping loads or vibration). This creates a gap when comparing UT readings vs. acceptable minimums. July 2026 Meeting Action:

Item Number: A26-34 NBIC Location: Part 3, 9.1
General Description: Define "Sound Metal" Subgroup: Repairs and Alterations Task Group: None assigned. Explanation of Need: The term "sound metal" is being regarded as either the min thickness or original thickness and a definition as to what "thickness" is required to meet the NBIC requirements is needed. July 2026 Meeting Action:

b. Subcommittee Pressure Relief Devices

i. Interpretations

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: Mr. Renaldo gave a progress report for this item.

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: Mr. Renaldo gave a progress report for this item.	

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:	

ii. Action Items – Old Business

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 (PM), B. Nutter, A. Renaldo, D. Marek	
January 2026 Meeting Action: Mr. Renaldo gave a progress report for this item.	

Item Number: 19-83	NBIC Location: Part 4, 4.7.5
General Description: Address Alternate Pressure Relief Valve Mounting Permitted by ASME CC2887-1 Task Group: D. Marek (PM), T. Patel, J. Ball, R. Ceccarelli Explanation of Need: ASME Code Case 2887-1 permits the installation of pressure relief valves below a low mass water tube boiler or water heater under certain conditions. This set of conditions and alternate location should be addressed in the NBIC as the use of low mass water tube boilers and water heaters becomes more widespread. January 2026 Meeting Action: Mr. Renaldo gave a progress report for 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," 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: Mr. Renaldo gave a progress report for this item.	

Item Number: 22-09	NBIC Location: Part 4, 4.6.1
General Description: Add language to NBIC Part 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: Mr. Renaldo gave a progress report for 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. January 2026 Meeting Action: Mr. Renaldo gave a progress report for 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. January 2026 Meeting Action: Mr. Renaldo gave a progress report for 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: 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: Mr. Renaldo gave a progress report for this item.	

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. January 2026 Meeting Action: Mr. Renaldo provided a progress report for 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 (Part 4) 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. January 2026 Meeting Action: Mr. Renaldo provided a progress report for 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. January 2026 Meeting Action: Mr. Renaldo provided a progress report for this item.	

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: N. Bailey, J. Simms, D. Marek, D. Mosley, P. Dhobi, C. Turner, K. Beise, I. Flynn, B. Nutter, B. DeKeyser, H. Cornett, A. Renaldo (PM) 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: Mr. Renaldo presented a progress report for this item.	

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: 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 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.	
January 2026 Meeting Action: Mr. Renaldo presented a progress report for this item.	

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: Mr. Renaldo provided a progress report for this item.	

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: H. Cornett (PM), T. Patel, B. Nutter, I. Flynn, D. Mosley, C. Turner, N. Bailey, E. Heck, D. Marek	
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: Mr. Renaldo provided a progress report for this item.	

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: Mr. Renaldo provided a progress report for this item.	

iii. New Items:

c. Subcommittee Installation

i. Interpretations

Item Number: 26-05	NBIC Location: Part 1, 3.8.2.3 b)
General Description: plc based RTD / thermocouple Temperature Controls on 'H'-Stamp Boilers Subgroup: SG Installation Task Group: None assigned. Explanation of Need: The inquirer has been asked by the ASME CSD-1 Committee to inquire to NBIC via a parallel / concurrent Interpretation path on an issue regarding the use of the newer microprocessor / plc based RTD / thermocouple type temperature sensing controls for heating hot water or supply boilers that are already "approved for use" from the ASME CSD-1 Committee Interpretation Record #23-2698.	
July 2026 Meeting Action:	

Item Number: 26-21	NBIC Location: Part 1, 2.5.3.2 e) and 3.5.3.1 d) 2)
General Description: Power Burners with Detached Auxiliaries Subgroup: SG Installation Task Group: None assigned. Explanation of Need: During editorial work for the 2027 Edition of the NBIC, it was identified that the meaning of this term was not fully understood. In order to ensure that approved changes for 2027 make sense, the editorial team needs to understand what "detached auxiliaries are and the intent of the remote shutdown switch requirements that reference them.	
July 2026 Meeting Action:	

ii. TG FRP Items

Item Number: 25-94	NBIC Location: Part 1
General Description: Clarification on Section S11.3 - Clearances Subgroup: TG FRP Task Group: B. Shelley (PM) Explanation of Need: The inquirer is a design release engineer working for a pressure vessel manufacturer that is looking to make ASME tanks. This requirement will severely restrict the number of pressure vessels that the manufacturer can bundle together inside one container.	
July 2026 Meeting Action: Progress Report The FRP task group is researching this situation to determine an appropriate code change.	

iii. Subgroup Installation Items – Old Business

Item Number: 22-28	NBIC Location: Part 1
General Description: Pool Heater definition and requirements Subgroup: SG Installation Task Group: J. Kleiss (PM), R. Spiker, T. Creacy, and M. Byrum Explanation of Need: The NBIC Installation and Inspection Codes do not have a definition for pool heaters. There is potential for confusion regarding which NBIC requirements, if any, should apply to pool heaters.	
January 2026 Meeting Action: Mr. Patten provided a progress report for this item.	

Item Number: 23-67	NBIC Location: Part 1, 4.4.2
General Description: Pressure Gage Scale Requirements Subgroup: SG Installation Task Group: J. Choitz (PM), M. Toth, M. Downs, R. Smith Explanation of Need: Update pressure gage requirements to reflect industry practice and common ranges. Also, to allow for the use of gage overpressure protectors, which the current wording does not. For systems with an MAWP that greatly exceeds normal operating pressure, it is sometimes necessary to use a gage with a lower scale so that the gauge reads in the middle third of its scale during normal operation. In such a situation, a gage overpressure protector is installed upstream of the gage.	
January 2026 Meeting Update: Mr. Patten provided a progress report for this item.	

Item Number: 24-05	NBIC Location: Part 1, New Supplement
General Description: Add heat pump water heater & heat pump hydronic heater requirements Subgroup: SG Installation Task Group: J. Kleiss (PM), B. Ahee Explanation of Need: Heat pump water heating and hydronic heating are growing in prevalence. Guidance for installation and inspection of these products is needed.	
January 2026 Meeting Action: Mr. Patten provided a progress report for this item.	

Item Number: 24-26	NBIC Location: Part 1, 3.7.8	
General Description: NBIC Requirements for ASME Modular Water Heaters Subgroup: SG Installation Task Group: R. Spiker (PM), M. Byrum, J. Kleiss Explanation of Need: ASME Section IV added requirements in the 2023 Edition for modular water heaters. The NBIC currently includes requirements for modular steam heating and hot-water heating boilers, but not for modular water heaters.		
January 2026 Meeting Action: Mr. Patten provided a progress report for this item.		

Item Number: 24-102	NBIC Location: Part 1, 1.6.9	
General Description: Strengthen requirements for Carbon monoxide monitoring Subgroup: SG Installation Task Group: Jim Byrum (PM) and all members SG Installation, Steve Schneeberger, Bryan Ahee, V. Newton Explanation of Need: Approximately 50 to 75 percent of the Chief Boiler Inspectors have requested some version of the proposed text above to be included in the NBIC Part 1. Since this has not happened, in many jurisdictions the Chief Inspector has had to include requirements for interlocking Carbon Monoxide detectors with boilers to secure the burners when the detector senses CO. The NBIC is a Health and Safety Code and therefore should provide requirements that prevent the many injuries and deaths the Chief Boiler Inspectors across the U.S. have had to investigate. January 2026 Meeting Action: Mr. Patten provided a progress report for this item.		

Item Number: 25-03	NBIC Location: Part 1, 1.6.1 & 3.7.7.1	
General Description: Create uniformity between sections on requirements for drains and blowoff pipes Subgroup: SG Installation Task Group: T. Clark (PM), J. Choitz, R. Spiker, R. Adams Explanation of Need: Create uniformity between sections on requirements for drains and blowoff pipes January 2026 Meeting Action: Mr. Patten provided a progress report for this item.		

Item Number: 25-07	NBIC Location: Part 1, S5.7.6 h)	
General Description: Organic fluid relief valves are installed with discharge to 55-gallon drum Subgroup: SG Installation Task Group: D. Patten (PM) Submitted by: V. Scarcella Explanation of Need: A 55-gallon drum is not designed for the temperatures or pressures of a relief valve discharge July 2025 Meeting Action: Mr. Patten presented a progress report for this item.		

Item Number: 25-24	NBIC Location: Part 1, 3.8.1.5 and 3.8.2.4	
General Description: Clearly state no time delay on the flow switches on a loss of flow. Subgroup: SG Installation Task Group: H. Berny (PM), S. Konopacki, J. Choitz, J. Byrum, J. Kleiss Submitted by: T. Bolden Explanation of Need: One of the primary causes of boiler failure is a low water condition. Time delays in testing these safety controls can complicate their assessment and will not mitigate the failure rates associated with low water conditions. Note this also needs to apply to flow switches on forced flow units.		
January 2026 Meeting Action: Mr. Patten provided a progress report for this item.		

Item Number: 25-49	NBIC Location: Part 1, 9.1	
General Description: Definition of Heat Pump Subgroup: SG Installation Task Group: J. Kleiss (PM), B. Ahee Submitted by: J. Kleiss Explanation of Need: Heat pump water heaters and heat pump hydronic heaters are in use in the USA and will become more widely used. This is an initial step to incorporating requirements for these devices. Item 24-05 proposes addition of a supplement with guidance for heat pump water heaters.		
January 2026 Meeting Action: Mr. Patten provided a progress report for this item.		

Item Number: 25-78	NBIC Location: Part 1, 2.8.6	
General Description: Flow or Temperature Sensing Devices for Forced Circulation Power Boilers Subgroup: SG Installation Task Group: J. Kleiss (PM), T. Clark, M. Downs, M. Toth Submitted by: T. Clark Explanation of Need: ASME CSD-1 allows the use of a flow or sensing device or a combination of a LWCO and a temperature sensing device to detect low-water conditions in boilers with forced circulation. While NBIC Part 1 makes such an allowance for hot water boilers, no such requirement exists for power boilers.		
January 2026 Meeting Action: Mr. Patten provided a progress report for this item.		

iv. Subgroup Installation Action Items – New Business

Item Number: 25-82	NBIC Location: Part 1, 2.8.4	
General Description: Clarifying NBIC Part 1, 2.8.4 a)-c) Subgroup: SG Installation Task Group: None assigned. Submitted by: Stanley Mason Explanation of Need: The current code is unclear and contradicts itself.		
July 2026 Meeting Action:		

Item Number: 25-89	NBIC Location: Part 1	
General Description: Temporary boiler installation Subgroup: SG Installation Task Group: None assigned. Submitted by: Tim Bolden Explanation of Need: Part 2 is working on the inspection of temporary boilers item # 24-62 - No guidance for inspectors for temporary boiler inspections. To develop guidance, we feel there needs to be requirements for the installation of temporary boilers. Items such as clearances, electrical, piping connections, supports, ladders runways etc. So that our task group can move forward on providing guidance on these types of objects.		
July 2026 Meeting Action:		

Item Number: 25-93	NBIC Location: Part 1	
General Description: Toxic Gases and Related Detectors/Alarms Subgroup: SG Installation Task Group: None assigned. Submitted by: Mike Richards Explanation of Need: This proposal will define "Toxin" and "Toxicity" and add examination of chimneys, stack, and ductwork requirements to 1.6.8 and add a requirement for technical advice regarding alarms in 1.6.9.		
July 2026 Meeting Action:		

Item Number: 26-11	NBIC Location: Part 1	
General Description: Installation of Quick Acting Closures Subgroup: SG Installation Task Group: None assigned. Submitted by: Vincent Scarcella Explanation of Need: Need working group to review changes to NBIC Part 2, ASME Section VIII to create a supplement for Quick Acting Closures.		
July 2026 Meeting Action:		

Item Number: 26-15	NBIC Location: Part 1, S12.4 g)	
General Description: Revise wording to include electrically heated kettles. Subgroup: SG Installation Task Group: None assigned. Submitted by: Rodger Adams Explanation of Need: Supplement 12 provides requirements and guidelines for the installation of electrically heated and gas-fired jacketed steam kettles, yet the existing text excludes a reference to the electric fuel source.		
July 2026 Meeting Action:		

d. Subcommittee Inspection

i. Interpretations

Item Number: 25-34	NBIC Location: 2023 NBIC, Part 2, 2.3.6.2 b) 2) a. 3.
General Description: Interpretation request into the NBBI for the NB-23 2023 paragraph 2.3.6.2	
Subgroup: Inspection Task Group: C. Becker (PM), J. Beauregard, D. Fulford, J. Holland, V. Newton, J. Clark Submitted by: Ari Ben Swartz	
Explanation of Need: Numerous air receivers are found to be less than the required wall thickness.	
January 2026 Meeting Action: Mr. Horbaczewski stated that work is still being done on this item.	

Item Number: 25-39	NBIC Location: Part 2, 5.2.1
General Description: Replacement of Stamped Data	
Subgroup: Inspection Task Group: C. Becker (PM), C. Moultrie, R. Kennedy, K. Barkdoll, J. Smith, B. Ross, J. Clark Submitted by: Gary Scribner	
Explanation of Need: ASME Certificate Holders who are successor organizations, are confusing the requirements of ASME CA-1, section 5.4 which allows the original manufacture or an successor organization to reapply the ASME Single Certification Mark and designator to allow them to put the name of the successor organization on the nameplate.	
January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 25-58	NBIC Location: Part 2, 5.2.1 f)
General Description: Replacement of Stamped Data	
Subgroup: Inspection Task Group: C. Becker (PM), W. Griffith Submitted by: T. Hellman	
Explanation of Need: If the applicable letter of the alphabet depicting the Code of Construction is NOT allowed to be stamped on a replacement nameplate, then the replacement nameplate will need to have additional stamping/markings to identify the Code of Construction.	
January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

ii. Action Items – Old Business

TG FRP Items:

Item Number: NB16-1402	NBIC Location: Part 2, New Supplement
General Description: Life extension for high pressure FRP vessels above 20 years Subgroup: FRP Task Group: M. Gorman (PM) Background: In 2016, when this item was first opened, it was assigned as an item for Part 3. Recent discussions with SC R&A and the FRP Task Group have revealed that this item is better suited for Part 2. This item has been approved by the FRP Task Group. Scope: The goal of this proposal is to provide a method to evaluate whether the service life of high-pressure fiber reinforced plastic pressure vessels can be extended for an additional lifetime. January 2026 Meeting Action: Mr. Horbaczewski stated that the proposal is being sent back to Task Group FRP for further work.	

TG Historical Items:

Item Number: 23-85	NBIC Location: Part 2, S2.14.7
General Description: Review paragraphs to replace with proper verbiage Subgroup: SG Historical Task Group: M. Wahl (PM), K. Anderson Explanation of Need: There is some slang and second person (POV) verbiage throughout these paragraphs. Recommend rewording with proper terminology (such that it could be understood internationally) and changing point of view (e.g., changing "you're pulling water" to "water is being pulled"). Since I don't have the technical knowledge to know what is slang and what isn't, what I have proposed will still need to be reworded.	
January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 25-86	NBIC Location: Part 2, S2.10.6	
General Description: Change wording Part 2 S2.10.6 Subgroup: SG Historical Task Group: H. Berny (PM), J. Smith Explanation of Need: Revising wording for clarification.		
July 2026 Action:		

Item Number: 25-87	NBIC Location: Part 2, S2.10	
General Description: MAWP of historical boilers during alteration Subgroup: SG Historical Task Group: C. Jowett (PM), M. Wahl, H. Berny, J. Smith, R. Troutt, Z Johnson Explanation of Need: X is how you produce MAWP of a historical boiler and what is the limiting factor July 2026 Action:		

TG Locomotive Items:

Item Number: 25-05	NBIC Location: Part 2, S1.2.4.22
General Description: Washout plug engagement limits for locomotive boilers. Subgroup: Locomotive Task Group: L. Moedinger (PM) Explanation of Need: There is no current wording for washout plug engagement. January 2026 Meeting Action: Mr. Horbaczewski stated that the task group is revising the proposal for this item.	

Item Number: 25-41	NBIC Location: Part 2, 6.2 and 6.3
General Description: Evaluation of corrosion Subgroup: Locomotive Task Group: T. Sposato (PM) Explanation of Need: Supplement 1 does not provide details on evaluating local corrosion or pitting. Supplement 1 should address routine conditions found during UT that do not effect the overall safety of a component. January 2026 Meeting Action: Mr. Horbaczewski stated that the task group is still working on this item.	

SG Inspection Items:

Item Number: 24-03	NBIC Location: Part 2, S6
General Description: Wording Updates for Clarity Subgroup: Inspection Task Group: B. Wilson (PM), R. Kennedy, and J. Smith Submitted by: L. Ponce Explanation of Need: Part 2 Supplement 6 should be revised to align with Part 3, Suppl 6 and the DOT. A few references are S6.4.2 a), S6.4.2 c), S6.4.4, S6.4.5, S6.4.6, and S6.4.6.1. However, this may not be an all-inclusive list. January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 24-37	NBIC Location: Part 2, 2.2.10
General Description: Add language in the event boiler can't be secured at the time of inspection Subgroup: Inspection Task Group: None assigned. Submitted by: V. Scarcella Explanation of Need: In some circumstances boilers cannot be shut down and a dead man switch is not allowed. January 2026 Meeting Action: Mr. Horbaczewski stated that the proposal for this item is ready to be balloted to the Main Committee.	

Item Number: 24-42	NBIC Location: Part 2, 2.4.1 and 2.4.4
General Description: Add language to NBIC Part 2 in regards to piping inspections Subgroup: Inspection Task Group: None assigned. Submitted by: V. Scarcella Explanation of Need: Two fatal incidents resultant from radiator failure prompted an ask for these changes. January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 24-62	NBIC Location: Part 2, Section 2
General Description: Temporary Boiler Inspection Subgroup: Inspection Task Group: None assigned. Submitted by: V. Scarcella Explanation of Need: No guidance for inspectors for temporary boiler inspections. January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 24-84	NBIC Location: Part 2, 2.3.6.10 and 2.3.6.11
General Description: Vessels above 10,000 psi reevaluation of remaining life Subgroup: Inspection Task Group: None assigned. Submitted by: Craig Bierl Explanation of Need: Inspectors need to be able to have a paper trail of the code integrity of these vessels. Changing the original data (in this case, designed cycle life) should ONLY be completed with the involvement of an authorized inspector and MUST be documented on a National Board form in order to be audited by the inservice inspector. January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 25-23	NBIC Location: Part 2, 3.4.8
General Description: Add guidance for tube sag allowance Subgroup: Inspection Task Group: J. Jessick (PM), B. Ray, J. Sowinski, T. Bolden Submitted by: V. Scarcella Explanation of Need: Inspectors were asking for clarification and better guidance. Item needs a working group to consider language. January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 25-27	NBIC Location: Part 2, 2.3.6.2, 2.3.6.4, 4.4, S7.8
General Description: Fitness-for-service coordination with API 579-1/ASME FFS-1 Subgroup: Inspection Task Group: B. Ray (PM), D. Graf, J. Hadley, J. Selensky, C. Moultrie, J. Jessick Submitted by: J. Hadley Explanation of Need: Alert users about situations where acceptance criteria in Part 2 may be less strict than API 579-1/ASME FFS-1. January 2026 Meeting Action: Mr. Horbaczewski shared a progress report for this item.	

Item Number: 25-31	NBIC Location: Part 2, New Supplement
General Description: Add a supplement that lists the standard boiler and pressure vessel types Subgroup: Inspection Task Group: J. Safarz (PM), M. Mooney, M. Horbaczewski, M. Whitlock, B. Ross, R. Wallace Submitted by: V. Scarcella Explanation of Need: This would get states using the standard across the country both from a violation and object type. January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 25-32	NBIC Location: Part 2, New Supplement
General Description: Referenced standards added supplement to NBIC Part II Subgroup: Inspection Task Group: W. Griffith (PM), J. Holland, J. Hadley, D. Fulford, M. Whitlock, J. Smith Submitted by: V. Scarcella Explanation of Need: Need working group to review and propose appropriate action.	
January 2026 Meeting Action: Mr. Horbaczewski provided a progress report for this item.	

Item Number: 25-55	NBIC Location: Part 2, 5.2.3
General Description: Rules for Replacing and Re-attaching Duplicate Nameplates Subgroup: Inspection Task Group: C. Becker (PM), J. Clark, G. Kopp, R. Kennedy, J. Sowinsky, L. Williams, A. Renaldo Submitted by: A. Renaldo Explanation of Need: 1. Update title to clarify what is included in the section. 2. Change duplicate to “DUPLICATE” to match format in ASME Code. 3. Added guidance for when original manufacturer no longer exists. 4. Remove requirement to contact Jurisdiction to replace duplicate nameplate since the original Code of Construction did not require Jurisdiction involvement with the duplicate nameplate. 5. Clarify that the original manufacturer is not responsible for ensuring that the vessel still meets Code when asked to confirm if a detached duplicate nameplate corresponds to a particular vessel, or provide a replacement duplicate nameplate.	
January 2026 Meeting Action: Mr. Horbaczewski stated that a task group has been assigned to begin working on this item.	

Item Number: 25-61	NBIC Location: Part 2, Form NB-136
General Description: Update Form NB-136 Subgroup: Inspection Task Group: C. Becker (PM), J. Clark, Jake Gaucher, M. Whitlock Submitted by: T. Clark Explanation of Need: The most common issue with duplicate or replacement nameplates is incorrect stamping. Either the provided information is wrong, required information is missing, or ASME stamping is replicated without authorization. Inspectors do not seem to be familiar enough with the replacement process or ASME stamping requirements to catch mistakes. To prevent these mistakes from occurring, some jurisdictions are requiring Block 15 of Form NB-136 to be filled out prior to approval. Proposal: add a new block between the existing blocks 12 and 13. This block would require the applicant to provide a facsimile of their proposed stamping for review prior to jurisdictional approval. This will help more jurisdictions catch stamping errors before they occur.	
January 2026 Meeting Action: Mr. Horbaczewski stated that a task group has been assigned to begin working on this item.	

Item Number: 25-64	NBIC Location: Part 2, S6.17
General Description: Revise definitions of "Normal Operating Loading" and "Poisonous Material" Subgroup: Inspection Task Group: D. Fulford (PM), A. Cheng, D. Graf Submitted by: J. Ellis Explanation of Need: The U.S. DOT does not appear to have an official definition of "Normal Operating Loading", nor does the current definition seem to make sense. The existing definition for "Poisonous Material" in Part 2 is incomplete.	
January 2026 Meeting Action: Mr. Horbaczewski stated that a task group has been assigned to begin working on this item.	

Item Number: 25-68	NBIC Location: Part 2
General Description: Cryogenic Vessel Inspection Standard Subgroup: Inspection Task Group: D. Graf (PM), V. Newton, J. Beauregard, J. Mangus, L. Burton, A. Renaldo Submitted by: V. Scarcella Explanation of Need: Currently thousands of inspections are being done without any guidelines.	
January 2026 Meeting Action: Mr. Horbaczewski stated that a task group has been assigned to begin working on this item.	

Item Number: 25-69	NBIC Location: Part 2, 2.3.6.8
General Description: Review 2025 ASME PVHO to make sure NBIC is up to date Subgroup: Inspection Task Group: J. Bell (PM), D. Fulford, W. Hackworth, J. Smith, T. Bolden Submitted by: V. Scarella Explanation of Need: Came up during the chiefs meeting in October.	
January 2026 Meeting Action: Mr. Horbaczewski stated that a task group has been assigned to begin working on this item.	

Item Number: 25-70	NBIC Location: Part 2, New Supplement
General Description: Add Guidelines to Address Overpressure Protection by System Design Subgroup: Inspection Task Group: R. Kennedy (PM), D. Graf, W. Hackworth, J. Beauregard, K. Adkins, B. Nutter, J. Wolf, D. Sullivan, D. Merek, & J. Grace. Submitted by: B. Viers Explanation of Need: Overpressure protection by system design is covered in ASME Section XIII Part 13, but no guidance exists in the NBIC to address inspections of these systems. This would be a new supplement in Part 2.	
January 2026 Meeting Action: Mr. Horbaczewski stated that a task group has been assigned to begin working on this item.	

Item Number: 25-81	NBIC Location: Part 2, 2.2.3
General Description: NDE Preparation & Examiner Proficiency Needs Subgroup: Inspection Task Group: M. Horbaczewski (PM), T. White, R. Wallace, R. Kennedy, D. Rose, P. Polick, L. Williams, P. Davis, C. Becker, L. Burton, G. Kopp Submitted by: Sean Franklin (Electric Power Research Institute) Explanation of Need: Due to rising energy consumption and demand, existing generating assets on the grid are being asked to extend their life in order to meet that growing demand. The construction of new generating facilities has been slow to build a new generation of skilled trades workforce. As attrition of experienced personnel has decreased the available NDE workforce, coupled with the economic pressures that shrink plant shutdowns that were the prime targets for on-the-job training, a growing safety concern has been building with respect to the quality of NDE examinations being conducted on pressure retaining components. Based on operating experience, flaws are being missed as much as “false calls” are being reported, both having economic impacts but missed flaws creating safety concerns. A need to decrease uncertainty in validating asset integrity is necessary to ensure generating plants can operate reliably. Currently, there is no mention of what is considered to be a proficient NDE examiner. By creating proficiency rules, organizations can ensure that only qualified personnel perform NDE, reducing the risk of costly mistakes and unnecessary work.	
January 2026 Meeting Action: Mr. Horbaczewski stated that a task group has been assigned to begin working on this item.	

iii. New Items:

Item Number: 25-88	NBIC Location: Part 2, 4.4.3 a)	
General Description: Fitness for Service Responsibilities Subgroup: Inspection Task Group: None assigned. Submitted by: Vincent Scarcella Explanation of Need: Current state is resulting in numerous reports that fail to meet the requirements of the code. July 2026 Meeting Action:		

Item Number: 26-08	NBIC Location: Part 2, New Supplement	
General Description: Add Boiler tag log and CSD log for thermostat controlled boilers Subgroup: Inspection Task Group: None assigned. Submitted by: Vincent Scarcella Explanation of Need: Most incidents involve the failure of one or more items in the log, focusing attention to the log will help reduce the likelihood of an event. Test sheets for testing and maintenance for CSD much like ASME CSD CM would increase compliance with NBIC. July 2026 Meeting Action:		

Item Number: 26-09	NBIC Location: Part 2, 4.5	
General Description: Review of the need for Part 2, 4.5 Subgroup: Inspection Task Group: None assigned. Submitted by: Brent Ray Explanation of Need: API RP 580 and ASME PCC-3 provide distinct definitions of RBI programs. The NBIC should use that information and not reinvent the wheel, which this paragraph tries to do in a very simple manner. July 2026 Meeting Action:		

Item Number: 26-10	NBIC Location: Part 2, 2.3.6.2b)2)a.	
General Description: Wholesale review of NDE acceptance criteria (Part 2). Subgroup: Inspection Task Group: None assigned. Submitted by: Brent Ray Explanation of Need: Various parts of Part 2 provide acceptance criteria for various forms of NDE; however, they may or may not agree. In some cases, these are 'close' yet 'not close'. The team believes Part 2 should agree in most cases when assessing and accepting NDE criteria.		
July 2026 Meeting Action:		

Item Number: 26-12	NBIC Location: Part 2, 4.4.8	
General Description: Review the need for Part 2, 4.4.8 Subgroup: Inspection Task Group: None assigned. Submitted by: Brent Ray Explanation of Need: The items in paragraph 4.4.8 are simple fitness-for-service statements. However, not all damage mechanisms are addressed, nor are these consistent with the accepted API 579-1/ASME FFS-1 standard. Nor does the paragraph really succeed in providing the information as led by the title.		
July 2026 Meeting Action:		

Item Number: 26-13	NBIC Location: Part 2, 4.4.7.2 k)	
General Description: Weld Affects Acceptance Criteria Subgroup: Inspection Task Group: None assigned. Submitted by: James Hadley Explanation of Need: Make the “surface at a weld” definition in Part 2, 4.4.7.2.k, consistent with the “weld band” definition in API 579-1/ASME FFS-1, 2C.2.5.a. Both define where a weld affects the remaining-wall thickness that a pressure-retaining item needs to be fit-for-service.		
July 2026 Meeting Action:		

Item Number: 26-19	NBIC Location: Part 2, 2.3.6.2 b) 2) b.	
General Description: Clarification of one or more items to be required Subgroup: Inspection Task Group: None assigned. Submitted by: Brent Ray Explanation of Need: The Item 25-27 project team believes the paragraph and the list of options need to be revised to clarify their use/purpose/acceptance criteria. July 2026 Meeting Action:		

Item Number: 26-25	NBIC Location: Part 2, 2.3.6.8 e) 5)	
General Description: Add requirement for PVHO window inspection Subgroup: Inspection Task Group: None assigned. Submitted by: Michelle Vance Explanation of Need: This list is introduced as guidelines to consider in inspection of PVHOs, but e) 5) does not list any kind of guideline or requirement. This statement would add clarity and direction for the Inspector. July 2026 Meeting Action:		

Item Number: 26-26	NBIC Location: Part 2, 2.5.8.1 d)	
General Description: Systems with frequent upsets should be investigated Subgroup: Inspection Task Group: None assigned. Submitted by: Michelle Vance Explanation of Need: 2.5.8.1 d) might need an additional requirement that directs the Inspector to look into why a valve is continuing to actuate. July 2026 Meeting Action:		

Item Number: 26-27	NBIC Location: Part 2, 2.5.8.1 i)	
General Description: Direction for user to get appropriate inspection interval re-established Subgroup: Inspection Task Group: None assigned. Submitted by: Michelle Vance Explanation of Need: 2.5.8.1 i) regarding uncertain service conditions on a device that is visually inspected and tested. If unacceptable test results are obtained, the user is instructed to keep reducing the inspection interval until suitable results are obtained. We've not given them a way to get an appropriate inspection interval re-established. The other changes earlier in i) were Brent Ray's suggestions for how some of my edits could be reworded.		
July 2026 Meeting Action:		

Item Number: 26-29	NBIC Location: Part 2, 2.2.12.2 c)	
General Description: Adding inspection guidance for wet/water back boilers, and revising "stays" Subgroup: Inspection Task Group: None assigned. Submitted by: Don Kinney Explanation of Need: Part 2 does not provide guidance for inspecting stays for wet/water back boilers. This revision clarifies the wording to be "stays" instead of using "staybolts" or "bolts", allowing for the term "stays" to include stay rods, etc. This also introduces the suggestion to use UT testing when possible.		
July 2026 Meeting Action:		

Item Number: 26-30	NBIC Location: Part 2, New Supplement 15	
General Description: who is implementing corrective actions; corrective action timeline Subgroup: Inspection Task Group: None assigned. Submitted by: Michelle Vance Explanation of Need: Who is doing the corrective actions? There are three action statements here: the owner/user finding a qualified person; the QP investigating; and then someone implementing corrective actions. Unless authorized by the owner/user, the QP cannot take action. Maybe this needs to be expanded/rewritten. Also, "corrective actions shall be implemented immediately." How do we define "immediately"? That is vague.		
July 2026 Meeting Action:		

10. Liaison Activities

- i. **American Society of Mechanical Engineers BPV Code (ASME BPV)**
 - a. Mr. Gary Scribner and Mr. Brent Ray to report.
- ii. **American Welding Society (AWS)**
 - a. Mr. Jim Sekely to report.
- iii. **American Petroleum Institute (API)**
 - a. Mr. Brent Ray to report.

11. Future Meetings

- i. January 11-14, 2027 – Nashville, TN

12. Adjournment

Respectfully submitted,

Jonathan Ellis

Jonathan Ellis
NBIC Secretary

Title	Item Number	Cycle	NBICEdition	Assigned Committee
High pressure limit control requirements for fired jacketed steam kettles	22-32	A	2027	Subcommittee Installation
Addition of requirement for Inspector to be present for inspections.	23-27	A	2027	Subcommittee Inspection
Strengthening Prevention of Defect Recurrence	23-39	A	2027	Subcommittee Repairs/Alterations
Revise the repair and alteration Sect VIII Div 2 and 3 paragraphs	24-60	A	2027	Subcommittee Repairs/Alterations
Rewrite Part 3, S1.1.4	24-82	A	2027	Subcommittee Repairs/Alterations
Change Part 3, 1.6.4 d) (or elsewhere) to require audits to be performed by Supervisor	24-83	A	2027	Subcommittee Repairs/Alterations
Increase nozzle routine repair limit for graphite nozzles	24-86	A	2027	Subcommittee Repairs/Alterations
NR Inspector and Agency Qualification Reqs in 1.3 - TIED TO A23-60	24-92	A	2027	Subcommittee Repairs/Alterations
Changing Part 3 supplement 8's title for clarity	24-93	A	2027	Subcommittee Repairs/Alterations
Part 2, 2.3.6.8 ASME PVHO Forms call out the 2016 Edition.	24-94	A	2027	Subcommittee Inspection
Registration of NR Forms within 30 Days	24-95	A	2027	Subcommittee Repairs/Alterations
Create Guidelines for Repair of Pin Devices	NB15-0307	A	2027	Subcommittee Pressure Relief Devices
Create Guidelines for Repair of Pin Devices	NB15-0307	A	2027	Subcommittee Pressure Relief Devices
Testing and Acceptance: Boiling-out Procedure	20-86	B	2027	Subcommittee Installation
To provide better guidance as it relates to carbon monoxide	21-47	B	2027	Subcommittee Inspection
Harmonize electrical requirements for all types of boilers/water heaters	23-52	B	2027	Subcommittee Installation
Harmonize electrical requirements for all types of boilers/water heaters	23-52	B	2027	Subcommittee Installation
Add language clarifying the limitation of inspections presented by design.	24-104	B	2027	Subcommittee Inspection
Applying PWHT to previously "as welded" item	24-28	B	2027	Subcommittee Inspection
Applying PWHT to previously "as welded" item	24-28	B	2027	Subcommittee Inspection
NBIC Part II Review table 2.5.8, suggest changes to align with NBIC Part 4	24-75	B	2027	Subcommittee Inspection
Review and Clarify Guidelines for Nameplate Stamping Following Conversion	25-01	B	2027	Subcommittee Pressure Relief Devices
Special Service Equipment	25-04	B	2027	Subcommittee Repairs/Alterations
Update list to add acceptable materials for rivets and bronze castings and	25-13	B	2027	Subcommittee Repairs/Alterations
UT Inspection of Boilers with Jackets	25-14	B	2027	Subcommittee Inspection
Remove references to FIA's throughout - This is now a scope under OUIO	25-28	B	2027	Subcommittee Repairs/Alterations
Renaming Supplement 11	25-42	B	2027	Subcommittee Repairs/Alterations
Scope and Rules for use of Additive Manufacturing Pressure Parts	23-09	C	2027	Subcommittee Repairs/Alterations
Repairs to quick actuating closures	23-24	C	2027	Subcommittee Repairs/Alterations
Performance of Original NDE During Repairs and Alterations	23-77	C	2027	Subcommittee Repairs/Alterations
S1.2.2 Threaded Staybolts, change wording concerning reduced body staybolts	24-106	C	2027	Subcommittee Repairs/Alterations
Specific Requirements For Stamping And Nameplates	24-17	C	2027	Subcommittee Repairs/Alterations
Replacement Parts for Graphite Pressure Vessels	24-67	C	2027	Subcommittee Repairs/Alterations
Revision to Part 2, S7.9	24-76	C	2027	Subcommittee Inspection
Clarify Alteration for transition from rigid to flexible bolts	24-77	C	2027	Subcommittee Repairs/Alterations
Synchronize/Revise Repairs & Alterations of VIII-2, VIII-3 PRIs	25-21	C	2027	Subcommittee Repairs/Alterations
Revise Part 3, Table 2.5.1	25-22	C	2027	Subcommittee Repairs/Alterations

Repair of PRIs Without Complete Removal of Defect	25-25	C	2027	Subcommittee Repairs/Alterations
Stamping of non-ASME Parts and Distribution of Form R-3	25-26	C	2027	Subcommittee Repairs/Alterations
Minor changes to NBIC Part 2 forms	25-37	C	2027	Subcommittee Inspection
Initial Service Leak Tests	25-44	C	2027	Subcommittee Repairs/Alterations
Limiting Temperature Controls to Max Allowable Temperature of the Boiler	25-45	C	2027	Subcommittee Installation
Attempt to move Table 1.6.2.1 references into the text or glossary	25-48	C	2027	Subcommittee Repairs/Alterations
NBIC Part 3, 1.5.1 q) R-Stamp Controls	25-51	C	2027	Subcommittee Repairs/Alterations
Update References from ASME PTC-25 to ASME Section XIII M-V	25-52	C	2027	Subcommittee Pressure Relief Devices
Supplement 11 Reference Clean Up	25-53	C	2027	Subcommittee Repairs/Alterations
NB-136 Instructions updated - 5.2.2 a)	25-54	C	2027	Subcommittee Inspection
Revise Part 3, S3.5.4 for clarity	25-62	C	2027	Subcommittee Repairs/Alterations
NBIC Part 4, ¶ 3.4 ANNUAL AUDITS	25-72	C	2027	Subcommittee Pressure Relief Devices
Yankee Dryer alteration plan approval	25-75	C	2027	Subcommittee Repairs/Alterations
Corrections to Part 2, Table S6.13.11.2-b	25-77	C	2027	Subcommittee Inspection
Added a new paragraph to S7.4 to address nameplates during inspection.	25-79	C	2027	Subcommittee Inspection
Edits to NBIC Part 3, 2.5.3.4 Welding Method 4	25-83	C	2027	Subcommittee Repairs/Alterations
Inclusion of Grade 92 into 2.5.3.6 and Supplement 8	25-85	C	2027	Subcommittee Repairs/Alterations
Inclusion of Grade 92 into 2.5.3.6 and Supplement 8	25-85	C	2027	Subcommittee Repairs/Alterations
Post Repair Inspection of weld repairs to CSEF steels	21-53	D	2027	Subcommittee Repairs/Alterations
Evaluate Inspector responsibilities relating to 4.4.3 FFS	23-81	D	2027	Subcommittee Inspection
Review and revise the PWHT Requirements in 2.5.2	24-98	D	2027	Subcommittee Repairs/Alterations
Referencing for Weld Metal, Filler Metal etc.	25-29	D	2027	Subcommittee Repairs/Alterations