



THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS

Date Distributed:

NATIONAL BOARD INSPECTION CODE SUBGROUP INSPECTION

MINUTES

Meeting of January 14, 2025
Charleston, SC

*These minutes are subject to approval and are for the committee use only.
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The National Board of Boiler & Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, Ohio 43229-1183
Phone: (614)888-8320

1. Call to Order

Mr. James Roberts, Subgroup Inspection (SG) Chair, called the meeting to order at 8:01 am Eastern Standard Time in Grand Magnolia A on the 2nd floor of the hotel.

2. Introduction of Members and Visitors

Secretary, Ms. Jodi Metzmaier did a roll call of all SG members in person and online. All visitors in person and online stated their name and their company. All members and visitors are noted on the attendance sheets. (**Attachment Pages 1-2**)

3. Check for a Quorum (51% - 25 Members, need at least 13 for Quorum)

With 22 of 25 members in attendance, both in person and online, a quorum was established.

NOTE: James Calvert & Jerry Jessick will not have a vote for this SG meeting, as their memberships were not renewed at the last meeting. Their membership reappointment has been sent out to LB to SC and once approved it will be sent to Rob Troutt, Chair of the BOT for approval. Both should be voting members at the next meeting.

4. Awards/Special Recognition

- Darrell Graf – 10 years on SG Inspection
- Tom Vandini – 10 years on SG Inspection
- Jim Clark – 5 years on SG Inspection
- James Roberts – 5 years on SG Inspection (should have been given 2 years ago)

Mr. Roberts presented Mr. Graf and Mr. Vandini with their 10-year pins. Mr. Clark was in the meeting virtually and was recognized for his 5 years. Ms. Metzmaier presented Mr. Roberts with his 5-year pin.

5. Announcements

Ms. Metzmaier gave announcements to the SG (**Attachment Page 3**)

6. Adoption of the Agenda

A motion was made to adopt the agenda, the motion was seconded. The below item was added to the agenda. The motion was revised to adopt the revised agenda. The motion was seconded and unanimously approved.

- Add Brandon Steinhart (Authorized Inspection Agencies) to the agenda for Member nomination (replacing Tim Barker).

During conversation of the agenda, Mr. Horbaczewski spoke to the group about Mr. Tim Barker. This meeting will be Mr. Barker's last meeting as he will be retiring.

7. Approval of the Minutes of the July 16, 2024, Meeting

A motion was made to approve the SG minutes from the July 2024 meeting. The motion was seconded and unanimously approved.

8. Review of Rosters

a. Membership Nominations

Mr. Clary Moultrie (Manufacturers) and Mr. Brandon Steinhart (Authorized Inspection Agencies) are interested in becoming members of Subgroup Inspection.

Both nominees spoke on their behalf and explained their experience in the industry. They both stated why they would like to become a member of the SG.

The SG discussed Mr. Moultrie's nomination, and a motion was made to accept his nomination. The motion was seconded. **Mr. Moultrie's nomination was accepted with one abstention.**

The SG discussed Mr. Steinhart's nomination; a motion was made to accept his nomination. The motion was seconded and **unanimously approved.**

b. Membership Reappointments

The following Subgroup members are up for reappointment: Mr. Tim Bolden, Mr. Venus Newton, and Mr. Brandon Wilson.

Mr. Bolden & Mr. Newton were both in attendance for the meeting and stated they would like to be reappointed. A motion was made to reappoint both members. The motion was seconded and **unanimously approved**.

Mr. Wilson was not in attendance and could not voice if he would like to be reappointed. NBIC Secretary, Jonathan Ellis, will send an email to Mr. Brandon Wilson to see if he would like to be reappointed to the SG. Should Mr. Wilson state he would like to be reappointed, his membership reappointment recommendation will then be sent to letter balloted to the SG.

c. Officer Appointments - None

9. Open Items Related to Inspection

a. PRD

- i. **Item 24-91** – Require means to prevent safety valve discharge piping blockage for LCDSV (Part 4)
Mr. Newton spoke on this item giving the group information on what the PRD SG will be discussing.

b. R&A

- i. **Item 21-53** – Post repair inspection of weld repairs to CSEF steels. (P. Gilston as PM)
Mr. Horbaczewski gave an update on this item and spoke on what was discussed in the 2/3 TG.
- ii. **Item 24-18** – Definition of Controlled Fill (P. Gilston as PM) – **Attachment Page 2**
NOTE: This is a definition that will be in all parts, and all parts must agree.
There was a lot of conversation on this item and confusion on the intent of what our group was supposed to do because this phrase is not used in Part 2. The SG took no action at this time.

10. Interpretations - There are currently no open interpretation items for Part 2.

11. Action Items

Item Number: 21-47	NBIC Location: Part 2, 2.2.4 & 2.2.5	No Attachment
General Description: To provide better guidance as it relates to carbon monoxide		
Subgroup: Inspection		
Task Group: W. Hackworth (PM), J. Smith, D. Buechel, T. Barker, T. Bolden, M. Sansone, H. Henry, J. Castle, J. Morgan, & J. Clark		
Submitted by: V. Scarcella		
Explanation of Need: Need to provide more comprehensive items to be reviewed to guide the inspector on carbon monoxide and combustion air.		
January 2025 Meeting Action:		
Ms. Metzmaier reported that a revised proposal for this item was approved by Subgroup Inspection and was balloted to Subcommittee Inspection. The ballot failed due to lack of participation.		
Mr. Scarcella spoke on this item. He said this item should be voted on during the SC meeting so that it can get back to MC for vote. No action was taken by the SG.		

Item Number: 22-26	NBIC Location: Part 2, 2.3.6.8	No Attachment
<p>General Description: Addition of cast acrylic as a pressure vessel material</p> <p>Subgroup: Inspection Task Group: J. Calvert (PM), V. Newton, D. Buechel, D. Rose, J. Bell Submitted by: J. Calvert</p> <p>Explanation of Need: Provide inspectors with the criteria necessary to competently inspect vessels like acrylic chromatography columns.</p>		
<p>January 2025 Meeting Action: Mr. Calvert gave a progress report on this item stating he, as the submitter of this item, no longer believes anything needs to be added to the NBIC for this. A motion as made to close this item with no action. The motion as seconded and unanimously approved.</p>		

Item Number: 23-27	NBIC Location: Part 2, 1.5.1	Attachment Page 4
<p>General Description: Addition of requirement for Inspector to be present for inspections.</p> <p>Subgroup: Inspection Task Group: V. Newton (PM), V. Scarcella, T. Bolden, J. Morgan, J. Smith, T. Barker, C. Becker, C. Hartford Submitted by: D. Kinney</p> <p>Explanation of Need: While it has always been standard industry practice for inspections to be performed in-person, and there are requirements for remote inspection, currently there is no language in Part 2 or RCI-1 requiring the Inspector to be present at the location of installation while performing an inspection. This requirement is implied, but not stated.</p>		
<p>January 2025 Meeting Action: Mr. Newton presented a proposal to the SG. The group reviewed the proposal, and a motion was made to accept the proposal as presented. The motion was seconded and unanimously approved.</p>		

Item Number: 23-81	NBIC Location: Part 2, 4.4.3 b)	No Attachment
<p>General Description: Evaluate Inspector responsibilities relating to 4.4.3 FFS</p> <p>Subgroup: Inspection Task Group: M. Horbaczewski (PM), V. Scarcella, J. Clark, B. Ray, J. Ferreira, J. Sowinski Submitted by: R. Underwood</p> <p>Explanation of Need: Currently, 4.4.3-b states the Inspector shall review the condition assessment methodology and ensure the inspection data and documentation are in accordance with Section 4. This proposal would redefine the role and responsibility of the Inspector.</p>		
<p>January 2025 Meeting Action: Mr. Horbaczewski gave a progress report on this item. He would like to get more information on the item before moving forward with anything. The SG chose to come back to this item for further discussion. Mr. Horbaczewski invited Mr. Ferrera to speak to the SG. The item was reviewed again by the SG, and after a long discussion, it was decided that the TG will review their proposal further and then send a revised proposal to the SG for review and comment.</p>		

Item Number: 24-03	NBIC Location: Part 2, Supplement 6	No Attachment
General Description: Revise "Inspector" terminology and requirements in Supplement 6		
Subgroup: Inspection		
Task Group: B. Wilson (PM), R. Kennedy, and J. Smith		
Submitted by: R. Underwood		
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 2025 Meeting Action: The PM was not present for the meeting to give a progress report. Other task members stated they have not had any movement on this item. Chair, Mr. Roberts assigned Mr. Jeremy Smith as the new PM of this item to try and get some movement.		
TASK GROUP: New PM is J. Smith		

Item Number: 24-37	NBIC Location: Part 2, 2.2.10	No Attachment
General Description: Add language in the event boiler can't be secured at the time of inspection		
Subgroup: Inspection		
Task Group: T. Bolden (PM), J. Smith, J. Peterson, W. Hackworth, T. Barker, B. Ross		
Submitted by: V. Scarcella		
Explanation of Need: In some circumstances boilers cannot be shut down and a dead man switch is not allowed.		
January 2025 Meeting Action: Mr. Bolden shared a proposal with the SG. The group had discussions on the proposal and chose to send the proposal to LB for review and comment.		
TASK GROUP: Add V. Newton, B. Steinhart, D. Fulford, & J. King Remove T. Barker & J. Peterson		

Item Number: 24-42	NBIC Location: Part 2, 2.4.1 and 2.4.4	No Attachment
General Description: Add language to NBIC Part 2 in regard to piping inspections		
Subgroup: Inspection		
Task Group: D. Graf (PM), K. Barkdoll, R. Kennedy, B. Wilson, J. Beauregard, W. Griffith, G. Kopp		
Submitted by: V. Scarcella		
Explanation of Need: Two fatal incidents resultant from radiator failure prompted an ask for these changes.		
January 2025 Meeting Action: Mr. Graf gave a progress report. He stated the TG should have something to propose at the July 2025 meeting.		

Item Number: 24-62	NBIC Location: Part 2, Section 2	No Attachment
General Description: Temporary Boiler Inspection		
Subgroup: Inspection		
Task Group: P. Pollick (PM), V. Newton, B. Ross, M. Horbaczewski, J. Mangus, J. Beauregard, M. Whitlock		
Submitted by: V. Scarcella		
Explanation of Need: No guidance for inspectors for temporary boiler inspections.		
January 2025 Meeting Action: Mr. Horbaczewski gave a progress report on this item. He presented a checklist that the city of Chicago uses for power boiler. Mr. Polick also spoke to the group with further information. The group had a short discussion, and the TG will continue to work on a proposal.		
TASK GROUP: Add Bill Ross		

12. New Items

Item Number: 24-75	NBIC Location: Part 2, Table 2.5.8	No Attachment
General Description: NBIC Part II Review table 2.5.8, suggest changes to align with NBIC Part 4		
Subgroup: Inspection		
Task Group: None assigned.		
Submitted by: V. Scarcella		
Explanation of Need: Tim Baker and Tim Bolden raised needed changes to NBIC Part II in table 2.5.8, the table needs review and alignment with the table in Part 4 3.2.6		
January 2025 Meeting Action: The group discussed this item and decided to create a task group to come up with a proposal. Once a proposal is created and accepted by the Inspection SG, they will present the proposal to the PRD SG, and potentially move the item to their agenda.		
Task Group: J. Smith (PM), B. Steinhart, T. Bolden, L. Burton		

At this point in the meeting, Chair, Mr. Roberts turned the meeting over to Vice Chair, Mr. Jim Clark, as Mr. Roberts will be presenting the next item.

Item Number: 24-76	NBIC Location: Part 2, S7.9	No Attachment
General Description: Revision to Part 2, S7.9		
Subgroup: Inspection		
Task Group: None assigned.		
Submitted by: James Roberts		
Explanation of Need: Currently commercially refurbishers can inspect pressure vessels per NBIC S7.8.1 through S7.8.5 and place back into service without any statement this inspection was completed and by who.		
January 2025 Meeting Action: Mr. Roberts presented a proposal to the SG. After review and discussion of the proposal, the SG chose to create a TG for further review.		
TASK GROUP: T. Vandini (PM), D. Graf, J. Clark, C. Moultrie, L. Burton, M. Whitlock, P. Polick, J. Roberts		

The meeting was turned back over to Mr. Roberts.

Item Number: 24-84	NBIC Location: Part 2, 2.3.6.10 and 2.3.6.11	No Attachment
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 2025 Meeting Action: Mr. Bierl joined the meeting to present and discuss his proposal. After discussion, the SG chose to create a TG.		
TASK GROUP: V. Newton (PM), J. Mangas, V. Scarcella, D. Fulford, J. King		

Item Number: 24-90	NBIC Location: Part 2, S12.7 d)	No Attachment
General Description: Require means to prevent safety valve discharge piping blockage for LCDSV (Part 2)		
Subgroup: Inspection Task Group: None assigned. Submitted by: Mark Edwards		
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 2025 Meeting Action: The SG reviewed the proposal and had a discussion. They will hold off on any action until Part 4 has reviewed the proposal.		

Item Number: 24-94	NBIC Location: Part 2, 2.3.6.8	Attachment Page 5-6
General Description: Part 2, 2.3.6.8 ASME PVHO Forms call out the 2016 Edition.		
Subgroup: Inspection Task Group: None assigned. Submitted by: Luis Ponce		
Explanation of Need: It is counterproductive to limit another standard to a specific Edition because revision will be required whenever a new one is issued.		
January 2025 Meeting Action: The proposal was presented to the SG. A motion was made to approve the proposal as presented. The motion was seconded and unanimously approved.		

Item Number: 24-100	NBIC Location: Part 2, Section 5	Attachment Page 7
<p>General Description: Add field to NB 6 & NB 7 from JRS Team</p> <p>Subgroup: Inspection Task Group: None assigned. Submitted by: V. Scarcella</p> <p>Explanation of Need: Repeatedly came up in investigations and in discussions that after reviewing an inspection form the reader has no idea if the object was operating.</p>		
<p>January 2025 Meeting Action: Mr. Scarcella and Mr. Mooney presented a proposal for this item. The SG reviewed and discussed the proposed changes, and a motion was made to accept the proposal as presented. The motion was seconded and unanimously approved.</p> <p>NOTE: The SG believes that the layout of the form in the 2023 edition is incorrect. They say the form was passed though MC. They believe the format is wrong. Check with Jonathan.</p>		

Item Number: 24-104	NBIC Location: Part 2, 2.1	No Attachment
<p>General Description: Add language clarifying the limitation of inspections presented by design.</p> <p>Subgroup: Inspection Task Group: None assigned. Submitted by: V. Scarcella</p> <p>Explanation of Need: Currently an inspector could be held responsible for conditions they could not reasonably access.</p>		
<p>January 2025 Meeting Action: Mr. Scarcella presented a proposal for this item to the SG. There was some discussion, and the SG chose to create a TG.</p> <p>TASK GROUP: V. Scarcella (PM), T. Bolden, J. Sowinski, R. Kennedy, W. Griffith, B. Ross, B. Ray, M. Whitlock</p>		

Item Number: 24-105	NBIC Location: Part 2, 1.5.1	Attachment Page 8
<p>General Description: Need to restrict signatures to inspections for which the inspector was present</p> <p>Subgroup: Inspection Task Group: None assigned. Submitted by: V. Scarcella</p> <p>Explanation of Need: It has become practice in one jurisdiction for inspectors to sign inspection reports for apprentices.</p>		
<p>January 2025 Meeting Action: Mr. Scarcella presented a proposal to the SG. There were a few changes made to the proposal and a motion was made to accept the revised proposal. The motion passed with one negative.</p>		

The below item was added to the agenda, as it was discovered that the item was omitted from the original agenda. A motion was made to revise the original agenda. The motion was seconded and unanimously approved.

Item Number: 25-02	NBIC Location: 2023 NBIC, Part 2, 4.4.7.3 and 4.5.3 b)	No Attachment
General Description: Overriding Part 2 Inspection Requirements with RBI Program		
Subgroup: Inspection		
Task Group: None assigned.		
Submitted by: Riley Collins		
Explanation of Need: There needs to be some clarity on whether an RBI program has the ability to override some of the inspection requirements listed in Part 2 as long as all jurisdictional requirements are met.		
January 2025 Meeting Action: After Review of the interpretation, the SG chose to create a TG.		
TASK GROUP: D. Graf (PM), J. Beauregard, J. Sowinski, J. Mangas, L. Burton, B. Ray		

13. Future Meetings

- July 7-10, 2025 – Cincinnati, OH
- January 12-15, 2026 – New Orleans, LA

14. Adjournment

Prior to adjourning the meeting, the following notes were made:

- Mr. Newton asked the SG if they would like to try and get the NBIC Part 1 Supplement 3 & Part 2 Supplement 12 regarding CO2 more aligned. The SG agreed that these supplements need to be more aligned. Mr. Newton will create put in an action item.
- Mr. Roberts stated that this meeting will also be Mr. Petersen’s last meeting, as he will be retiring. The SG thanked Mr. Petersen for his time with the Inspection group.

A motion was made to adjourn the meeting at 11:45 am. The motion was seconded and unanimously approved.

Respectfully submitted,



Jodi Metzmaier, Subgroup Inspection Secretary

Subgroup Inspection Member Attendees - January 2025

Name:	Interest Category	Email	Registered	In Person Attendance	Remote Attendance	Not In Attendance
James Roberts - Chair	Manufacturers	james.roberts@triaccorp.com	In-Person	X		
Jim Clark - Vice Chair	Manufacturers	james.clark@worthingtonindustries.com	Remote		X	
Jodi Metzmaier - Secretary	NBBI	jmetzmaier@nbbi.org	In-Person	X		
Tim Barker	Authorized Inspection Agencies	timothy.barker@fmglobal.com	In-Person	X		
Joseph Beauregard	Users	joeducati@hotmail.com	In-Person	X		
Chuck Becker	Authorized Inspection Agencies	hggbecker@yahoo.com	In-Person	X		
Tim Bolden	Authorized Inspection Agencies	timothy.bolden@cna.com	In-Person	X		
David Buechel	Authorized Inspection Agencies	davidbuechel55@gmail.com	In-Person		X	
Lee Burton (Damon)	National Board Certificate Holders	burtondl@airproducts.com	In-Person	X		
James Calvert	National Board Certificate Holders	jcalvert@lilly.com	Remote		X Non-voting Member	
David Dexter	Users	dexterde@dow.com	Remote		X	
Darrell Graf	National Board Certificate Holders	grafdr@airproducts.com	In-Person	X		
William Hackworth	Authorized Inspection Agencies	william.hackworth@tuvsud.com	In-Person			X
Ken Barkdoll	Alternate for William Hackworth	ken.barkdoll@tuvsud.com	Remote		X	
Mark Horbaczewski	Users	mhorbaczewski@diamondtechnicalservices.com	In-Person	X		
Jerry Jessick	Users	jjessick@fusion-etc.com	Remote		X Non-voting Member	
Randy Kennedy	National Board Certificate Holders	rkennedy@babcock.com	In-Person	X		
John Mangas	General Interest	jcmangas@gmail.com		X		
Venus Newton	Authorized Inspection Agencies	venus_newton@yahoo.com	In-Person	X		
Jeff Petersen	Users	petejc@inl.gov	In-Person	X		
Pat Polick	Jurisdictional Authorities	patrick.polick@illinois.gov	In-Person	X		
Brent Ray	Users	bdray@marathonpetroleum.com	In-Person	X		
David Rose	Users	dr3747@telus.net	Remote			X
Jason Safarz	General Interest	jsafarz@karldungsusa.com				X
Vincent Scarcella	Authorized Inspection Agencies	vincent.scarcella@cna.com	In-Person	X		
Jeremy Smith	General Interest	jeremy.smith@labor.nc.gov	In-Person	X		
Thomas Vandini	National Board Certificate Holders	tvandini@propanetank.com	In-Person	X		
Mike Whitlock	Authorized Inspection Agencies	gerald_whitlock@hsb.com	In-Person	X		
Brandon Wilson	General Interest	bwilson@lmce.solutions	In-Person			X

Subgroup Inspection Visitor Attendees - January 2025

Name	Company/Title/Interest	Email	Registered	In Person Attendance	Remote Attendance
Steven Brantigan	NY State Department of Labor Chief Boiler Inspector	steven.brantigan@labor.ny.gov	Remote		X
Ken Barkdoll	ARISE District Manager	ken.barkdoll@tuvsud.com	Remote		X
James Hadley	Fact Fancy, LLC	james.hadley@factplusfancy.com	Remote		X
Rich Wallace					X
David Warshall					X
Craig Bierl	Chubb Insurance	cbierl@chubb.com			X
Jim Bell	Think Engineering			X	
Daniel Fulford	Battelle Energy Alliance, LLC Quality Engineer	Daniel.fulford@inl.gov	In-Person	X	
Wil Griffith	Zurich - RE Manager	william.griffith@zurichna.com	In-Person	X	
John King	Chubb Insurance QC Program Manager	johnking@chubb.com	In-Person	X	
Gavin Kopp	Arizona Boiler Inspectors - Inspector	gavin@stateboilerinspectors.com	Remote		X
Thomas Maher	City of Chicago Chief Boiler Inspector	thomas.maher@cityofchicago.org	Remote		X
Clay Moultrie	Quality Directory/Quality Steel Corp	cmoultrie@propanetank.com	In-Person	X	
William Ross	Commonwealth of PA Chief Inspector	wross@pa.gov	In-Person	X	
James Sowinski	The Equity Engineering Group, Inc. Principal Engineer	jsowinski@e2g.com	In-Person	X	
Brandon Steinhart	FM Global - Operations Chief Inspector	brandon.steinhart@fmglobal.com	In-Person	X	
Kathy Moore	Joe Moore & Co			X	
NBBI STAFF					
Mark Mooney	NBBI	mmooney@nbbi.org	In-Person	X	
Luis Ponce	NBBI	lponce@nbbi.org	In-Person	X	

- MS Teams Notes:
 - Please stay muted during the meeting. If you would like to speak, please use the “raise hand” feature, and then you can unmute as you are called on. Teams will note the order in which your hands were raised, and we will call on you in that order.
 - Any messages sent through chat **will be displayed for anyone in the meeting to see**. If you need to send me a private message, please send it to me directly and not through the meeting chat.
 - If you are calling in with a phone number, please change your name from your phone number to your actual name.

- This meeting marks the end of Cycle A for the 2027 NBIC edition.

- The National Board will be hosting a reception on Wednesday from 5:30 p.m. to 7:30 p.m. at the Hyatt Place rooftop bar, the Pour Taproom.

- 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 Grand Magnolia Foyer, and lunch will be served from 11:30 a.m. to 12:30 p.m. in Sterling Hall Foyer.

- There is a tutorial for submitting NBIC requests on the NBIC tab of the Business Center. The link is under the NBIC Requests section. If there are any other tutorials you think would be helpful, please let us know and we can do our best to add more.

- If you’d like to open a new Interpretation or Action Item, this should be done through the National Board Business Center.
 - Anyone, member or not, can open a new item.

- 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.

- All proposals should be submitted in word with “strike through/underline” tracking.
 - Please contact me (jmetzmaier@nbbi.org) if you need any help with this.
 - Project Managers: please ensure any proposals containing text from the 2021 NBIC are updated to contain text from the 2023 NBIC.

- As a reminder, anyone who would like to become a member of a group or committee:
 - Should attend at least 2 meetings prior to being put on the agenda for membership consideration. The nominee will be on the agenda for vote during their 3rd meeting, and they would become a voting member during their 4th meeting.
 - The nominee must submit the formal request along with their resume to the NBIC Secretary, Jonathan Ellis, **PRIOR TO** the meeting. nbicsecretary@nbbi.org
 - If needed, we can also create a ballot for voting of 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, the room set up, etc. Please continue to use the online registration for each meeting, whether you are attending in person or remote. It also is a good way to make sure we have the most up-to-date contact information.

Item Number: 23-27

NBIC Location: Part 2, 1.1

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General Description: Addition of requirement for Inspector to be present for inspections.

Task Group: V. Newton (PM), V. Scarcella, T. Bolden, J. Morgan, J. Smith, T. Barker, C. Becker, C. Hartford

Submitted by: D. Kinney

Explanation of Need: While it has always been standard industry practice for inspections to be performed in-person, and there are requirements for remote inspection, currently there is no language in Part 2 or RCI-1 requiring the Inspector to be present at the location of installation while performing an inspection. This requirement is implied, but not stated.

PROPOSAL:

Definition:

Remote Visual Inspection — The examination of a PRI via a camera affixed to a mobile platform not operated by the Inspector, where the Inspector does not have direct line of sight with the area being examined, while the Inspector is on site.

1.1 SCOPE

This section provides general requirements and guidelines for conducting inservice inspection of pressure-retaining items and includes precautions for the safety of inspection personnel. The safety of the public and the Inspector is the most important aspect of any inspection activity. In-service inspections shall be conducted on location and in person by the inspector, unless expressly allowed by the Jurisdiction.

NBIC Action Item A24-94
 Submitted by Luis Ponce (lponce@nbbi.org)
 Submitted on: October 16, 2024
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**THE NATIONAL BOARD
 OF BOILER AND PRESSURE VESSEL INSPECTORS**

Subject:	Part 2, 2.3.6.8 ASME PVHO Forms call out the 2016 Edition.
NBIC Location:	Part 2, 2.3.6.8 e) & 2.3.6.8 g)
Statement of Need:	It is counterproductive to limit another standard to a specific Edition because revision will be required whenever a new one is issued.
Background Information:	An Inservice student at the National Board asked the question, "Why is the NBIC limiting the ASME PVHO standard in the affected paragraphs to the 2016 Edition when Part 2, 1.3 g) does not?" The forms available should reflect the year the PVHO was manufactured, not necessarily the latest version of the form.

Note: an alternate option from my below proposed change would be to insert a statement directing the reader to look for the form corresponding to the year of manufacture.

Proposed Text:

e) Inspection of view ports / windows

- 1) Each window should be individually identified and be marked in accordance with ASME PVHO-1.
- 2) If there are any penetrations through windows, they must be circular in accordance with ASME PVHO-1 requirements.-
- 3) Windows must be free of crazing, cracks and scratches that exceed "superficial" defects as defined by ASME PVHO-2.
- 4) Windows and viewports have a maximum interval for seat/seal inspection and refurbishment. Documentation should be checked to ensure compliance with ASME PVHO-2, Section 2-4.4.
- 5) Windows have a maximum service life ranging from 10 to 20 years depending on the type of window and service conditions.
- 6) Documentation should be checked to ensure compliance with ASME PVHO-2 inspection and refurbishment requirements (ASME PVHO-2-~~2016~~, Tables 2-4.3-1 and 2-4.3-2) and service life limitations (ASME PVHO-2-~~2016~~, Section 2-4.4).

g) Acceptance criteria

The following forms are required to be available for review:

NBIC Action Item A24-94

Submitted by Luis Ponce (lponce@nbbi.org)

Submitted on: October 16, 2024

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- 1) ASME BPV Forms U-1, U-1A or U-2 as appropriate for vessels built to ASME B&PV Code Section VIII. For vessels built to other rule sets, the equivalent forms shall be available;
- 2) ASME PVHO-1-~~2016~~ Form GR-1 Manufacturer's Data Report for Pressure Vessels for Human Occupancy;
- 3) ASME PVHO-1-~~2016~~ Form VP-1 Fabrication Certification for Acrylic Windows (one for each window);
- 4) ASME PVHO-1-~~2016~~ Form VP-2 Design Certification for Acrylic Windows (one for each window);
- 5) ASME PVHO-2-~~2016~~ Form VM-1 Viewport Inspection (one for each window, current within ASME PVHO-2 inspection interval requirements); and
- 6) For any repaired windows, ASME PVHO-2-~~2016~~ Form VM-2 Acrylic Window Repair Certificate for Windows. Repaired by the User (or his Authorized Agent) or ASME PVHO-2-~~2016~~ Form VM-3 Acrylic Window Repair Certificate for Severely Damaged Windows.

NBIC Action Item 24-100
Submitted by V. Scarcella
Submitted on 10/30/2024
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**THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS**

Subject:	Add field to NB 6 & NB 7 from JRS Team
NBIC Location:	Part 2, Section 5
Statement of Need:	repeatedly came up in investigations and in discussions that after reviewing an inspection form the reader has no idea if the object was operating.
Background Information:	

Proposed Text:

NB-6:

In item 7, change “Was Boiler Fired?” to “Is Boiler in Operation?”

NB-7:

Update Unit Size field to Cubic Centimeters and Cubic feet.

ADD WORDING TO THE BOTTOM OF BOTH FORMS:

The owner user is responsible for the proper operation, care and maintenance of all jurisdictional objects and compliance with all applicable codes and regulations. The inspection is a point in time inspections and conditions can change often and suddenly. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this document review.

NBIC Action Item A24-105
Submitted by Vinny Scarcella (Vincent.Scarcella@cna.com)
Submitted on: November 25, 2024
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**THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS**

Subject:	Need to restrict signatures to inspections for which the inspector was present
NBIC Location:	Part 2, 1.5.1
Statement of Need:	It has become practice in one jurisdiction for inspectors to sign inspection reports for apprentices.
Background Information:	

Proposed Text:

The inspector is required to be present during the inspection and should only sign documents pertaining to inspections at which they were in attendance.

**PART 2, SECTION 1
INSPECTION — GENERAL REQUIREMENTS FOR INSERVICE INSPECTION OF
PRESSURE-RETAINING ITEMS**

1.5.1 INSERVICE INSPECTION ACTIVITIES

Any defect or deficiency in the condition, operating, and maintenance practices of a boiler, pressure vessel, piping system, and pressure relief devices noted by the Inspector shall be discussed with the owner or user at the time of inspection and recommendations made for the correction of such defect or deficiency shall be documented. Use of a checklist to perform inservice inspections is recommended. The inspector shall be present during the inspection and shall only sign documents pertaining to inspections which they performed.