



THE NATIONAL BOARD  
OF BOILER AND PRESSURE VESSEL INSPECTORS

Date Distributed: January 24, 2024

# NATIONAL BOARD INSPECTION CODE TASK GROUP HISTORICAL BOILERS

## MINUTES

---

Meeting of January 8, 2024  
San Antonio, TX

*These minutes are subject to approval and are for the committee use only.  
They are not to be duplicated or quoted for other than committee use.*

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

**1. Call to Order**

Task Group (TG) Chair, Mr. Trevor Seime, called the meeting to order at 8:04 a.m. Central Time.

**2. Introduction of Members and Visitors**

Secretary, Ms. Jodi Metzmaier, did a roll call of all TG 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**

With 15 of 16 members in attendance, both in person and online, a quorum was established.

**4. Awards/Special Recognition**

There were no awards/special recognitions at this meeting.

**5. Announcements**

Ms. Metzmaier gave announcements to the TG. (**Attachment Pages 3-4**)

**6. Adoption of the Agenda**

A motion was made to adopt the agenda as presented. The motion was seconded and unanimously approved.

**7. Approval of the Minutes of the July 10, 2023, Meeting**

A motion was made to approve the minutes from July 10, 2023. The motion was seconded and unanimously approved.

**8. Review of Rosters**

**a. Membership Reappointments**

The following memberships are set to expire prior to the July 2024 meeting: Mr. Kevin Anderson, Mr. Jim Getter, Mr. Frank Johnson, Mr. Dennis Rupert, Mr. Matt Sansone, and Mr. Mike Wahl.

Mr. Kinney & Mr. Sansone stated he will not be renewing their memberships to the Historical TG. This will be their last meeting as a member. Both members expire on 1/31/24.

The remaining members up for reappointment, Mr. Kevin Anderson, Mr. Jim Getter, Mr. Frank Johnson, Mr. Dennis Rupert, and Mr. Mike Wahl, have stated they would like to be reappointed to the Historical TG. A motion was made to reappoint all members listed above. The motion was seconded and unanimously approved.

Mr. Howard Berny and Mr. Ron Spiker have both stated they would like to be considered as a nominee for membership to the Historical TG for next meeting.

**b. Membership Nominations**

None.

**c. Officer Nominations**

None.

## 9. Interpretations

Item Number: 23-80	NBIC Location: Part 2, S2.6.1 a)	Attachment Page 5
<b>General Description:</b> The Held Pressure for Hydro-static Testing of Heritage Boilers.		
<b>Subgroup:</b> SG Historical <b>Task Group:</b> None assigned. <b>Submitted by:</b> Robin Forbes		
<b>Explanation of Need:</b> There has been issues in our Jurisdiction of inspectors interpreting that the boiler shall hold hydro static pressure for 10 minutes without the aid of a pump to maintain pressure. Therefore, any weep in valve packing, hand holes, gauge glass gaskets, etc. would be cause for failure of the hydro test.		
<b>January 2024 Action:</b> Mr. Forbes presented this interpretation to TG. The TG discussed the interpretation. A motion was made to accept the interpretation as presented. The motion was seconded and <b>unanimously approved</b> .		

## 10. Action Items

Item Number: 20-25	NBIC Location: Part 3, S2.13	No Attachment
<b>General Description:</b> Repair Procedure for Fire Boxes		
<b>Subgroup:</b> SG Historical <b>Task Group:</b> M. Wahl (PM), R. Forbes, T. Dillon, L. Moedinger, C. Jowett, & F. Johnson		
<b>Explanation of Need:</b> 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.		
<b>January 2024 Action:</b> Mr. Wahl gave a <b>progress report</b> on this item. He stated there were many new questions that have come up that need to be discussed.		

Item Number: 23-62	NBIC Location: Part 3, S2	No Attachment
<b>General Description:</b> Reusing pressure retaining items under alteration.		
<b>Subgroup:</b> SG Historical <b>Task Group:</b> C. Jowett (PM), F. Johnson, and J. Smith		
<b>Explanation of Need:</b> Addition to book explaining how a pressure retaining item can be reused on a historical boiler under the guidelines of an alteration.		
<b>January 2024 Action:</b> Mr. Jowett presented a proposal to the task group. The group had a lot of discussion on the proposal and decided the proposal needed to be pulled back for further review and updates.		
<b>TASK GROUP UPDATES:</b> Add M. Wahl, R. Bryce, L. Moedinger, and D. Rupert		

11. New Items

<b>Item Number: 23-74</b>	<b>NBIC Location: Part 2, S2</b>	<b>No Attachment</b>
<p><b>General Description:</b> Certificate of compliance for new fusible plugs</p> <p><b>Subgroup:</b> SG Historical  <b>Task Group:</b> None assigned.  <b>Submitted by:</b> J. Ellis</p> <p><b>Explanation of Need:</b> To discuss the possibility of requiring a certificate of compliance on all new fusible plugs on historical boilers.</p>		
<p><b>January 2024 Action:</b>  Mr. Seime presented this item to the Task Group. The group had some discussion whether this should be an ASME or NBIC issue. Mr. Seime has recommended closing this item with no action because this is an ASME issue. If the issue comes up again it needs to be addressed with ASME Section I. Mr. Troutt recommends the group speaks with an NB representative that sits on the ASME Section I committee to discuss this issue. It was also recommended this be brought up at the next BOT meeting for discussion. A motion was made to <b>close this item with no action</b> as this is addressed in ASME Section I, A19-21 and NBIC Part 2, S2.8.4 c). The motion was seconded and <b>unanimously approved</b>.</p>		

Mr. Troutt spoke to the Historical TG introducing himself and welcoming them to Texas. He also talked to the TG about their role as a member of an NBIC committee, and how things are discussed with others in the industry. He stressed that when members of an NBIC committee are having discussions, they state that what they are saying is their own opinion and not the opinion of the NBIC Committees.

<b>Item Number: 23-85</b>	<b>NBIC Location: Part 2, S2.14.7</b>	<b>No Attachment</b>
<p><b>General Description:</b> Review paragraphs to replace with proper verbiage.</p> <p><b>Subgroup:</b> SG Historical  <b>Task Group:</b> None assigned.</p> <p><b>Explanation of Need:</b> 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.</p>		
<p><b>January 2024 Action:</b>  Mr. Wahl discussed that he could work with his Steam School Committee to work on this item. A task group was assigned.</p> <p><b>Task Group: M. Wahl (PM), K. Anderson</b></p>		

## 12. Ongoing Discussion Items

### A. Concern for Historical Boiler Inspection Nationwide:

- **January 2024 Discussion Review:** Mr. Seime gave a progress report stating he has been working with the National Board Training staff on creating an online course. The NB has begun creating this online course and it will be for anyone to be able to take. They are hoping to have this rolled out by summer 2024. Mr. Jowett & Mr. Anderson are working with Mr. Seime on this. Mr. Howard Berny will be helping with the Beta testing. The Historical TG will also be going through the course for review prior to roll out.

### B. Having a Dialog regarding the publication Soot in the Flues, from the old iron man albums.

- **January 2024 Discussion Review:** Mr. Anderson and Mr. Dillon gave an update on this item. Mr. Seime suggested that the two of them contact the Director of Communications at the National Board and get her involved to get a good line of communication with the magazine and to discuss how they could put something in the National Board Bulletin. Mr. Rupert stated there are possibly one or two other publications to consider writing articles for as well. He also stated we should keep Joel Amato in the loop with this. Everyone agreed that this needs to be an ongoing thing, and not just something where one or two articles come out and then they stop.

### C. Discussion of a potential new item regarding pressure relief valves on historical boilers.

- **January 2024 Discussion Review:** The group discussed had a lot of discussion about this item, and it was determined that the information listed in Part 2, 2.5.8 covers this and should not be changed. Mr. Wolf also discuss a presentation he will be giving to the PRD SG. It was decided that this item should no longer be on the agenda.

## 13. Future Meetings

- July 15-18, 2024 – The Brown Hotel in Louisville, KY
- January 2025 – TBD

Mr. Seime discussed the future meetings with the TG.

## 14. Adjournment

A motion was made to adjourn the meeting at 11:03 am Central Time. The motion was seconded and unanimously approved.

Respectfully submitted,



Jodi Metzmaier  
Historical Task Group Secretary

# Announcements

Page 1 of 2

- 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.
  
- This meeting marks the end of Cycle C for the 2025 NBIC edition. The committees will have until the end of the July 2024 NBIC meeting to approve items for inclusion in the 2025 NBIC. Anything going to letter ballot should be done this meeting.
  
- The National Board will be hosting a reception on Wednesday evening from 5:30 p.m. to 7:30 p.m. in Veramendi (fourth level of the hotel).
  
- The National Board will be hosting breakfast and lunch on Thursday in Veramendi (fourth level of the hotel) for those attending the Main Committee meeting. Breakfast will be served from 7:00 a.m. to 8:00 a.m. and lunch will be served from 11:30 a.m. to 12:30 p.m.
  
- There is a new tutorial for submitted 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.
  
- The National Board Staff, primarily Michelle Vance, has been working hard to update the NBIC Style Guide. This valuable resource is now available on the cloud and on the National Board Business Center. It is located on the NBIC page under the section title “Committee Documents”. Please be advised you must be logged in to view this document. Any comments, questions, or suggestions regarding the Style Guide should be directed to Jonathan. Below is a list of the major changes since revision 5 (the last section of the style guide shows this same list of major changes):
  - Title modified from *NBIC Writing Guide* to *NBIC Style Guide*
  - Topics reorganized into five major sections:
    - Language
    - Capitalization, Grammar, and Punctuation
    - Publication Style
    - Proposal Format
    - Synopsis of Revision 6 Changes (major changes since the previous revision)
  - Topics rearranged and edited to include more detail where necessary.
  - Unnecessary topics and rules removed.
  - Relevant topics and examples added.
  
- Meeting schedules, meeting room layouts, and other helpful information can be found on the National Board website under the **NBIC** tab → NBIC Meeting Information.
  
- **NBIC Share Cloud is for members only**. Please do not share the username and password with guests.

# Announcements

Page 2 of 2

- Remember to add any attachments that you'd like to show during the meeting (proposals, reference documents, power point, etc.) to the cloud **prior to the meeting**.
  - If needed, we can go over this process.
  - ALL power point attachments/presentations **must be sent to Jonathan prior to the meeting** for approval.
- All proposals should be submitted in word with “strike through/underline” tracking.
  - Please contact me ([jmetzmaier@nbbi.org](mailto:jmetzmaier@nbbi.org)) if you need any help with this.
- 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.
- 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 3<sup>rd</sup> meeting, and they would become a voting member during their 4<sup>th</sup> 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](mailto:nbicsecretary@nbbi.org)
  - If needed, we can also create a ballot for voting of a new member between meetings. To do this, you will need to contact Mr. Ellis.
- Just a heads up, Wendy will be around taking pictures, so you may see her popping in and out.
- 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.

**If you did not register, please do this now so we have an accurate count for the reception on Wednesday and breakfast and lunch on Thursday.**

# Taskgroup Historical Member Attendees - January 2024

MEMBERS:	Interest Category	Email	Registered	In Person Attendance	Remote Attendance	Not In Attendance
Trevor Seime - Chair	Jurisdictional Authorities	tsseime@nd.gov	In-Person	X		
Tom Dillon - Vice Chair	General Interest	dillon16hp@gmail.com	In-Person	X		
Jodi Metzmaier	NBIC Secretary	jmetzmaier@nbbi.org	In-Person	X		
Kevin Anderson	Users	kanderson@nvc.net		X		
Michael Carlson	Jurisdictional Authorities	camx235@lni.wa.gov	In-Person	X		
Don Kinney	Jurisdictional Authorities	don.kinney@labor.nc.gov	In-Person	X		
Jonathan Ferreira	Authorized Inspection Agencies	jonathan_ferreira@hsb.com	In-Person			X
Jim Getter	Manufacturers	jim.getter@worthingtonindustries.com	In-Person	X		
Michael Horton	General Interest	mdhortonrg4642@aol.com	Remote		X	
Frank Johnson	Users	fjkeck22@aol.com		X		
Chris Jowett	National Board Certificate Holder	cesrepairandrestoration@gmail.com	Remote		X	
David Rose	Users	dr3747@telus.net	In-Person	X		
Dennis Rupert	General Interest	rupercull@comcast.net			X	
Matt Sansone	Jurisdictional Authorities	matthew.sansone@labor.ny.gov	In-Person	X		
Jeremy Smith	General Interest	jeremy.smith@labor.nc.gov	In-Person	X		
Mike Wahl	General Interest	mikew@midstal.com		X		
Jon Wolf	Authorized Inspection Agencies	jon.wolf@zurichna.com		X		



# Taskgroup Historical Visitor Attendees - January 2024

VISITORS:	Company/Title/Interest	Email	Registered	In Person Attendance	Remote Attendance
Howard Berny	State of MN	howard.j.berny@state.mn.us	Remote		<b>X</b>
Jeffrey Day	Oklahoma Dept. of Labor	jeffrey.day@labor.ok.gov	Remote		<b>X</b>
Bob Derby	United Association Education and Training Department	rderby@uanet.org	In-Person	<b>X</b>	
Daniel Lynch	ISBS	danl@isbservices.com	Remote		<b>X</b>
Linn Moedinger	Strasburg Rail Road	linwm@supernet.com	Remote		<b>X</b>
Don Patten	Bay City Boiler Co., Inc.	dpatten@baycityboiler.com	In-Person	<b>X</b>	
Del Schirmer	BPC / XL Insurance	del.schirmer@BoilerProperty.com	In-Person	<b>X</b>	
Lawrence Swanz	Swanz Boiler Design & Mfg.	advancerumely@hotmail.com	In-Person	<b>X</b>	
Roger Boillard	Jurisdictional Member for the State of IN				<b>X</b>
KR Hough	Owner Operator in Indiana				<b>X</b>
Robert Bryce	Owner Operator in Manitoba				<b>X</b>
Adrian Gibbs	Boiler Inspection Milwaukee				<b>X</b>
Robion Forbes	VP of British Columbia Boiler Association	robin.a.forbes@outlook.com			<b>X</b>
Ken Griffis	Larson Welding and Machine			<b>X</b>	
David Johnson	Retired St. of Minnesota			<b>X</b>	
Darrel Graf	Air Products	grafdr@airproducts.com		<b>X</b>	
Ken Misiewicz	Pleune Service Company			<b>X</b>	
Joseph Beaugard	Los Alamos			<b>X</b>	
Alex Cheng	US DOT			<b>X</b>	
Kiwi Derrick	Chevron			<b>X</b>	
Ron Spiker	State of SC	ronndj@gmail.com		<b>X</b>	
Harrington Henry	Arise	harrington.henry@tuvsud.com		<b>X</b>	
Keith Sanford	State of Texas	keith.sanford@tdlr.texas.gov		<b>X</b>	
Tommy Granneman	State of Oklahoma	tommy.granneman@labor.ok.gov			<b>X</b>
Rob Troutt	State of Texas	Rob.troutt@tdlr.Texas.gov	In-Person	<b>X</b>	
George Galanes	MC Chair	ggalanes@diamondtechnicalservices.com	In-Person	<b>X</b>	
Luis Ponce	NBBI	lponce@nbbi.org	In-Person	<b>X</b>	

Interpretation Item 23-80

Submitted by Robin Forbes ([robin.a.forbes@outlook.com](mailto:robin.a.forbes@outlook.com))

12-2-23

**Subject:** The Held Pressure for Hydro-static Testing of Heritage Boilers.

**Statement of Need:** There has been issues in our Jurisdiction of inspectors interpreting that the boiler shall hold hydro static pressure for 10 minutes without the aid of a pump to maintain pressure. Therefore, any weep in valve packing, hand holes, gauge glass gaskets, etc. would be cause for failure of the hydro test.

**Background:** There was a situation where it took the owner of a traction engine 8 days to complete a hydro. Any drop in the pressure over the 10 minutes and the inspector would fail the boiler. He would reference the above clause from the NBIC as evidence the boiler must hold hydro static pressure (unaided) for 10 minutes.

**Proposed Question:** S2.6.1.a states a hydro static pressure between MAWP and 1.25 MAWP shall be "held for a minimum of 10 minutes or as required to perform a complete visual inspection" Is the intent that the boiler shall hold a set hydro static pressure for a minimum of 10 minutes, without the aid of a pump to maintain the pressure? Or is it permissible to use a pump to maintain the hydro static pressure for a minimum of 10 minutes?

**Proposed Reply:** Given that the wording is "held" and not "hold" the use of a pump to maintain the hydro static pressure is permissible. The intent that the pressure be held a minimum of 10 minutes is to allow time for leaks to present themselves along seams, tubes, stay bolts, etc.

**Committee's Question:**

**Committee's Reply:**

**Rationale:**