



**THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS**

Date Distributed:

NATIONAL BOARD INSPECTION CODE TASK GROUP LOCOMOTIVE BOILERS

AGENDA

Meeting of August 18, 2025,
Columbus, OH

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. Eastern Time.
2. **Introduction of Members and Visitors**
3. **Check for A Quorum**
4. **Announcements**
5. **Adoption of the Agenda**
6. **Approval of the Minutes of the February 2025 Meeting** – The minutes are available for review on the NBIC Committee Information page under the NBIC tab on www.nbbi.org
7. **Review of Roster**
 - a. **Membership Nominations** – None
 - b. **Membership Reappointments** – All members except Tim Botti, Jeff Churchill, and David Domitrovich will be up for reappointment in January 2026.
 - c. **Officer Appointments** – None
8. **Interpretations**

Item Number: 25-06	NBIC Location: Part 3, S1.2.3	Attachment Page 9
General Description: Reinforcing ring under a flexible sleeve to eliminate angularity. Subgroup: TG Locomotive Task Group: None Assigned Submitted by: Linn Moedinger		
Explanation of Need: Inspector questioning this method because it is not specifically addressed in the NBIC.		
February 2025 Meeting Action: Mr. Moedinger presented the interpretation to the TG. The TG revised the question, and the subject of the interpretation. A proposal was made to accept the interpretation. The motion was seconded and unanimously approved.		
Update: This item will be balloted to Subcommittee R&A.		

9. Action Items
a. Old Business

Item Number: 24-77	NBIC Location: Part 3, S1.2.3k)	See SharePoint for Proposal
<p>General Description: Clarify Alteration for transition from rigid to flexible bolts.</p> <p>Subgroup: TG Locomotive Task Group: M. Ray (PM), W. Fengler, T. Botti, J. Churchill</p> <p>Explanation of Need: This is omission from the code.</p>		
<p>February 2025 Meeting Action: Mr. Ray discussed this item and stated he had not made a lot of progress with the proposal. The group reviewed section S1.2.3 of Part 3. Mr. Ray then presented a proposal he created to the TG. The TG made changes to the proposal, and a motion was made to accept the revised proposal. The motion was seconded and unanimously approved.</p> <p>Update from July 2025 Meeting: This item will be balloted to Subcommittee R&A.</p>		

Item Number: 24-79	NBIC Location: Part 3, S1.1.1 b)	See SharePoint for Proposal
<p>General Description: Value of Default Tensile Strength</p> <p>Subgroup: TG Locomotive Task Group: M. Ray (PM)</p> <p>Explanation of Need: FRA mandates default of 50,000 psi but boilers built after 1921 have better than 55,000 psi steel.</p>		
<p>February 2025 Meeting Action: Mr. Ray presented a proposal to the TG. After a short discussion, a motion was made to accept the proposal as presented. The motion was seconded, and then the TG had further discussion on whether the language in the proposal was contradictory to the language in Title 49, Part 230. After further discussion the proposal was revised. The motion and second was revised to accept the revised proposal. The chair called for the vote, and the revised proposal was unanimously approved.</p> <p>Update from July 2025 Meeting: This item will be balloted to Subcommittee R&A.</p>		

Item Number: 24-81	NBIC Location: Part 3, Table S1.1.3.1	See SharePoint for Proposal
<p>General Description: Revise Table S1.1.3.1, Part 3, Section 6</p> <p>Subgroup: TG Locomotive Task Group: R. Franzen (PM), T. Botti</p> <p>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.</p> <p>February 2025 Meeting Action: Ms. Metzmaier reported that this item was omitted from the SC R& A January 2025 agenda. The proposal will be sent to letter ballot to the SC R&A for vote. No action was taken by the TG.</p> <p>Update from July 2025 Meeting: This item will be balloted to Subcommittee R&A.</p>		

Item Number: 24-106	NBIC Location: Part 3, S1.2.2	See SharePoint for Proposal
<p>General Description: S1.2.2 Threaded Staybolts, change wording concerning reduced body staybolts</p> <p>Subgroup: TG Locomotive Task Group: None Assigned/mitted by: R. Franzen</p> <p>Explanation of Need: Clarification on staybolts over 8" long is needed whether they need talltale holes or not in ridgid, flexible, radial and crown bolts.</p> <p>February 2025 Meeting Action: Mr. Franzen stated he has not created a proposal for this item. The TG had a lot of discussion over Part 3, S1.2.2. The TG is considering changing the layout of Part 3, S1.2.2 b) so it is more easily understood and easier to follow. Mr. Botti will work on the layout of this section with his restructure of telltale holes & flexible staybolts. The TG put together a proposal for changes to this section. A motion was made to accept the proposal as presented. The motion was seconded and unanimously approved.</p> <p>Update from July 2025 Meeting: This item will be balloted to Subcommittee R&A.</p>		

Item Number: 25-05	NBIC Location: Part 3,	See SharePoint for Proposal
<p>General Description: Washout plug engagement limits for locomotive boilers.</p> <p>Subgroup: TG Locomotive Task Group: None Assigned Submitted by: Linn Moedinger</p> <p>Explanation of Need: There is no current wording for washout plug engagement.</p> <p>February 2025 Meeting Action: Mr. Moedinger presented a proposal for new wording. A motion was made to accept the proposal as presented. The motion was seconded. During discussion, the TG made a few changes to the proposal. The motion was revised to accept the revised proposal. The Chair called for the vote, and the proposal was unanimously approved.</p> <p>Update from July 2025 Meeting: This item will be balloted to Subcommittee R&A.</p>		

b. New Business

Item Number: 25-16	NBIC Location: Part 2, S1.4.2.22	See SharePoint for Proposal
General Description: Washout plug obstructions		
Subgroup: TG Locomotive Task Group: Tim Sposato (PM) Submitted by: Tim Sposato		
Explanation of Need: Analyze the section for possible issues.		
August 2025 Meeting Action:		

Item Number: 25-17	NBIC Location: Part 3, S1.2	See SharePoint for Proposal
General Description: Section 3, S1.2		
Subgroup: TG Locomotive Task Group: Tim Botti (PM) Submitted by: Tim 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.		
August 2025 Meeting Action:		

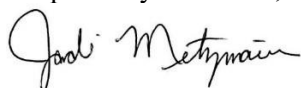
10. Discussion Items

- a) Training Course for Locomotive – It was suggested that someone reach out to the Historical Task Group Chair, Mr. Trevor Seime (tsseime@nd.gov) for information on how he got the ball rolling on creating a training course for Locomotive Boilers with the National Board Training Department.
- b) Guidance on using welded sleeves for washout plugs.
- c) Welded Installation of Staybolts. The language in Part 3, S1.2.5b) needs to match S1.2.2.
- d) Inspector Training (Linn Moedinger): Mr. Moedinger spoke to the group on how he would like to go through the National Board to get a training course together for steam locomotives.

11. Future Meetings

12. Adjournment

Respectfully submitted,



Jodi Metzmaier
Task Group Locomotive Secretary