



THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS

Date Distributed: March 5, 2025

NATIONAL BOARD INSPECTION CODE TASK GROUP LOCOMOTIVE BOILERS

MINUTES

Meeting of February 24-25, 2025
Columbus, OH

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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

1. **Call to Order** - Mark Ray Chair of the Locomotive Task Group (TG), called the meeting to order at 9:01 am EST on **February 24, 2025**.
2. **Introduction of Members and Visitors** - All visitors in person and online stated their name and their company. All members and visitors are noted on the attendance sheets. (**Attachment Page 1**)
3. **Check for A Quorum (51% - with 18 members, 10 must be present)**
With 13 of 18 members present, a quorum was established.
4. **Announcements** - Ms. Metzmaier-Secretary of the TG, Luis Ponce, and Mr. Ray all gave announcements to the TG. (**Attachment Page 2**)
5. **Adoption of the Agenda**
 - Mr. Moedinger added “Inspector Training” to the Discussion Items.
 - Mr. Ray added an item from Mr. Stone to the Discussion Items.

A motion was made to adopt the agenda with the above items added. The motion was seconded and unanimously approved.

6. **Approval of the Minutes of the July 2024 Meeting** – The minutes are available for review on the NBIC Committee Information page under the NBIC tab on www.nbbi.org

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

7. **Review of Roster**
 - a. **Membership Nominations** – None
 - b. **Membership Reappointments** – None
 - c. **Officer Appointments** – None

The officer membership was discussed as next meeting we will need to appoint a new chair. The Chair also discussed participation and contribution in the TG. We will have quite a few members up for reappointment next meeting. We will have at least 3 members for membership nomination at the next meeting.

8. **Interpretations** – None
9. **Action Items**
 - a. **Old Business**

Item Number: 24-77	NBIC Location: Part 3, S1.2.3k)	Attachment Page 3
General Description: Clarify Alteration for transition from rigid to flexible bolts.		
Subgroup: TG Locomotive		
Task Group: M. Ray (PM), W. Fengler, T. Botti, J. Churchill		
Explanation of Need: This is omission from the code.		
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 .		
Item Number: 24-78	NBIC Location: Part 2, S1.4.2.22	No Attachment

<p>General Description: Minimum Washout Plug Thread Engagement</p> <p>Subgroup: TG Locomotive Task Group: B. Zeigler (PM), E. Armpriester, D. Domitrovich</p> <p>Explanation of Need: Text should be changed to clarify how minimum thread engagement is quantified.</p> <p>February 2025 Meeting Action: The TG discussed this section of Part 2. During discussion the group reviewed the HeritageRail Association Guidance on Washout Plugs. The TG had a lot of discussion on this section and the topic in general. It was discussed if this section needs to be expanded on, at all. They were afraid if they keep adding to this section there may be no ending. Some members of the TG were fine with how this section is currently written and they do not believe it needs to be revised/expanded. After a lot of discussion, a motion was made to close this item with no action. The motion was seconded and unanimously approved.</p>
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The TG discussed the idea of creating a training course for Locomotive at the National Board. A new ongoing discussion item was added, and the group chose to discuss this at the end of the meeting.

Item Number: 24-79	NBIC Location: Part 3, S1.1.1 b)	Attachment Page 4
<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>		

Item Number: 24-80	NBIC Location: Part 3, S1.2.2	No Attachment
<p>General Description: adding a paragraph to to Part 3, S1.2.2</p> <p>Subgroup: TG Locomotive Task Group: S. Butler (PM), Dervin Lambert</p> <p>Explanation of Need: It is a past practice used in locomotive boiler repair for stay bolts that could not be accessed from both sides.</p> <p>February 2025 Meeting Action: The TG stated there has not been a lot of movement on this item. After discussion, and review of Part 3, S1.2.2, Mr. Butler will get a proposal together and the TG will come back to this item later in the meeting. The TG came back to this item and Mr. Bulter presented a proposal. The TG had a lot of discussion on the wording and whether or not the wording would be passed through Part 3 Repairs and Alterations since this goes against almost everything Part 3 says about staybolts. A motion was made to close this item with no action. The motion was seconded and unanimously approved.</p>		

Item Number: 24-81	NBIC Location: Part 3, Table S1.1.3.1	No Attachment
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.		
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.		

b. New Business

Item Number: 24-106	NBIC Location: Part 3, S1.1.4S1.2.2	Attachment Page 5
General Description: S1.2.2 Threaded Staybolts, change wording concerning reduced body staybolts		
Subgroup: TG Locomotive		
Task Group: None Assigned		
Submitted by: R. Franzen		
Explanation of Need: Clarification on staybolts over 8" long is needed whether they need talltale holes or not in rigid, flexible, radial and crown bolts.		
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.		

During discussion of item 24-106, Mr. Botti, presented a power point showing how he would like to move the telltale holes and flexible staybolts guidance each into their own sections, so all the information for each of these would be more easily found. The TG agreed this would be a good idea. Mr. Botti will be putting a proposal together to present to the TG. If he finds any technical changes that need to be made, he will open new action item(s). For the two new section, NBIC Secretary, Jonathan Ellis, stated this can be done as editorial as long as the words and information is just being moved and it not changed.

10. Discussion Items

- a) Mr. Stone wrote Mr. Ray an email asking him to discuss possible new text regarding Installation of Taper Thread Washout Plugs. The group read through Mr. Stone's email and reviewed Part 2, S1.4.2.22. After discussion, it was decided that Mr. Moedinger will open a new action item for this. The item will be discussed further on day two of the Locomotive TG meeting. New item number is 25-05.

- b) 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 Historical Boilers with the National Board Training Department.
- c) Editorial Changes to Part 3, FIGURE S1.2.2-a - The group realized the wording on this figure was not clear. They reviewed the figure and noted changes. (**Attachment Page6**)
- d) Editorial Changes to Part 3, FIGURE S1.2.3-b – The group realized the wording on this figure was not clear. They would like to move some of the wording to below the images to make it clearer. They also noticed an editorial change where “welded sleeve” should say “threaded sleeve.” Lastly there is a type where “threadedrigid” should be “threaded rigid”. (**Attachment Page 7**)

Adjournment: A motion was made to adjourn for the day at 3:50 pm EST on **February 24, 2025**. The motion was seconded and **unanimously approved**.

LOCOMOTIVE TASK GROUP – DAY 2

Call to Order: Mr. Ray called the Locomotive TG meeting to order at 9:02 am (EST) on **February 25, 2025**.

Announcements: There were no new announcements given.

Quorum: With 13 of 18 members present, a quorum was reestablished.

Adoption of the Revised Agenda: Action item 25-05 was added to the agenda. A motion was made to adopt the revised agenda. The motion was seconded and unanimously approved.

New Business Action Items (Continued):

Item Number: 25-05	NBIC Location: Part 3,	Attachment Page 8
General Description: Washout plug engagement limits for locomotive boilers.		
Subgroup: TG Locomotive		
Task Group: None Assigned		
Submitted by: Linn Moedinger		
Explanation of Need: There is no current wording for washout plug engagement.		
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 .		

Discussion Items (continued)

- e) Additional discussion items for the August meeting. The Chair discussed possible new items for next meeting:
 - 1) Obstructions w/washout plug installations.
 - Tim Sposato will open this item on the business center, and he will be the PM.

- 2) Guidance on using welded sleeves for washout plugs.
 - Mark Ray will open this item on the business center, and he will be the PM.
- 3) Arch Tube Replacement – This topic was discussed in the July 2024 meeting, and the TG chose not to open an item. The topic was readdressed today. They reviewed the figures in ASME that address Arch Tubes. After a lot of discussion, the TG realized they will need to work with ASME first, and then once they get something on the ASME side, they will work to get something into Part 3 to reference ASME.
- 4) Welded Installation of Staybolts. The language in Part 3, S1.2.5b) needs to match S1.2.2.
 - Charlie Cross will open this item on the business center, and he will be the PM.
- 5) The group discussed staybolt sleeve spacers to reduce angularity. They decided there is no action that needs to be taken. A drawing was provided to Mr. Franzen to show to the Canadian inspector that brought this topic up to him. Mr. Moedinger discussed the option of opening an interpretation to address this situation. The TG really liked this idea, and Mr. Moedinger will submit the interpretation. The group chose to look over the interpretation submitted by Mr. Moedinger.

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.		

- f) 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. The TG ran out of time to discuss this topic any further.

11. Future Meetings

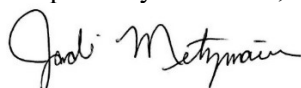
- a. July 7-10, 2025 – NBIC Committee Meeting in Cincinnati, OH
- b. August 18-19, 2025 – Locomotive TG meeting in Columbus, OH

Mr. Ray discussed the future meetings with the TG.

12. Adjournment

A motion was made to adjourn the meeting at 11:59 am EST on **February 25, 2025.**

Respectfully submitted,



Jodi Metzmaier
Task Group Locomotive Secretary

Taskgroup Locomotive Member Attendees - February 2025

MEMBERS:	Interest Category	Email	Registered	In Person Attendance	Remote Attendance	Not In Attendance
G. Mark Ray	General Interest	gmray@tva.gov	In-Person	X		
Charlie Cross	User	ewcross40@gmail.com	In-Person	X		
Jodi Metzmaier	NBIC Secretary	jmetzmaier@nbbi.org	In-Person	X		
Erich Armpriester	User	erich.armpriester@strasburgrailroad.com	In-Person	X		
Tim Botti	General Interest	timothyjbotti@gmail.com	In-Person	X		
Steven Butler	General Interest	greenchili@tds.net	In-Person	X		
Jeff Churhill	User	jeff_churchill@cargill.com				X
David Conrad	User	jdconrad@snet.net	In-Person	X		
David Domitrovich	User	ddomitrovich@eastbroadtop.com	In-Person	X		
Wolfgang Fengler	General Interest	wfengler@fmwsolutions.com	In-Person	X		
Robert Franzen	General Interest	ssoa2001@aol.com	In-Person	X		
David Griner	General Interest	dgriner@arizonaengineer.com				X
Mark Jordan	Jurisdictional Authorities	mark.jordan@ky.gov				X
Stephen Lee	User	emerilcat@aol.com	In-Person	X		
Kelly Lynch	General Interest	klynch@fmwsolutions.com				X
Linn Moedinger	User	linwm@supernet.com	In-Person	X		
Timothy Sposato	General Interest	tsposato@ageofsteamroundhouse.org	In-Person	X		
Richard Stone	Manufacturers	richardstone@verizon.net	Remote			X
Brendan Zeigler	User	brendan.zeigler@strasburgrailroad.com	In-Person	X		

Taskgroup Locomotive Visitor Attendees - February 2025

VISITORS:	Company/Title/Interest	Email	Registered	In Person Attendance	Remote Attendance
Harold Weisinger	Federal Railroad Administration	harold.weisinger@dot.gov	In-Person		
Michael Barron	DOT	michael.barron@dot.gov	Remote		X
Matt Cunningham	Durango & Silverton Narrow Gauge Railroad	mcunningham@durangotrain.com	In-Person	X	
Matt Kiekintveld	Durango & Silverton Narrow Gauge Railroad	mkiekintveld@durangotrain.com	In-Person	X	
Brian Korodi	NBBI	bkorodi@nbbi.org	In-Person	X	
Max Casias	Cumbres & Toltech			X	
Riley Rosland	East Broadtop			X	
Luis Ponce	NBBI	lponce@nbbi.org		X	
Jonathan Ellis	NBBI	jellis@nbbi.org		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.

- The January NBIC meeting marked the end of Cycle A for the 2027 NBIC edition.

- **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.

- 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.

- 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 a previous NBIC edition are updated to contain text from the current NBIC edition.

- 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 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.

- Luis Ponce addressed the group with further announcements:
 - Mr. Ponce stated that the secretary of this task group will only be available for one day of the meeting, as the other committees do.

- Chair, Mark Ray addressed the TG with further announcements:
 - Mr. Ray asked how it is addressed when members are not showing up regularly for meetings.
 - NBIC Secretary, Jonathan Ellis, spoke on this stating when the members reappointment comes up, it can be addressed.
 - ASME PL Committee – Mr. Ray discussed the future of this group with the committee. He wants anyone interested in being part of this committee to let him know. Their next meeting is in May 2025 in Salt Lake City.

NBIC Action Item A24-17
 Submitted by Mark Ray (gmray@tva.gov)
 Submitted on July 29, 2024



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

Subject:	Clarify Alteration for transition from rigid to flexible bolts.
NBIC Location:	Part 3, S1.2.3 k)
Statement of Need:	
Background Information:	This is omission from the code.

Proposed Text:

S1.2.3 BALL SOCKET-TYPE FLEXIBLE STAYBOLTS, SLEEVES, AND CAPS

- i) Substitution of one type of flexible staybolt sleeve by another type shall be considered a repair, provided it does not affect the pressure retaining capability in accordance with Part 3, 3.4.4.
- j) Where necessary for boiler expansion, ball socket-type flexible staybolts shall be positioned in such a manner as to not interfere with boiler expansion. Where individual bolts are replaced, care should be taken to ensure that the stress load of the new bolt is compatible to the loading on adjacent bolts.

Note: Some locomotive boiler designs positioned the bolts by backing the bolt head away from the sleeve socket bottom a certain amount.

- k) When the installation of a flexible staybolt and/or sleeve affects the pressure retaining capability, in accordance with Part 3, 3.4.4, the change shall be considered an alteration.

NBIC Action Item 24-79
 Submitted by Mark Ray (gmray@tva.gov)
 Submitted on July 29, 2024



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

Subject:	Value of Default Tensile Strength
NBIC Location:	Part 3, S1.1.1 b)
Statement of Need:	FRA mandates default of 50,000 psi but boilers built after 1921 have better than 55,000 psi steel.
Background Information:	

Proposed Text:

S1.1.1 FEDERAL RAILROAD ADMINISTRATION (FRA)

- a) The Federal Railroad Administration (FRA) rules for steam locomotive boilers are published in the *Code of Federal Regulations* (CFR) 49CFR Part 230, dated November 17, 1999, which may be obtained on the FRA website. All locomotives under FRA jurisdiction are documented on FRA Form 4 as defined in 49CFR Part 230. This document is the formal documentation of the steam locomotive boiler and is required to be completed prior to the boiler being placed in service. This document shall be used as the data report for the boiler, applicable to all repairs and alterations performed. National Board “R” Certificate Holders shall document their repairs and/or alterations on National Board Forms R-1 or R-2. These reports shall be distributed to the owner-user of the boiler, who is required to incorporate them into an FRA Form 19, which becomes an attachment to the FRA Form 4. The design margin for all such repairs or alterations shall not be less than four, based on ultimate tensile strength of the material.
- b) The use of Tensile Strength of 55,000 psi is acceptable for steel plates used in boilers built after 1913. For locomotives built prior to 1914, validation of the material specification or material physical properties is required to use a tensile strength value greater than 50,000 psi.

NBIC Action Item 24-106
 Submitted by R. Franzen (ssoa2001@aol.com)
 Submitted on July 30, 2024



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

Subject:	S1.2.2 Threaded Staybolts, change wording concerning reduced body staybolts
NBIC Location:	Part 3, S1.2.2
Statement of Need:	Clarification on staybolts over 8" long is needed whether they need telltale holes or not in rigid, flexible, radial and crown bolts
Background Information:	

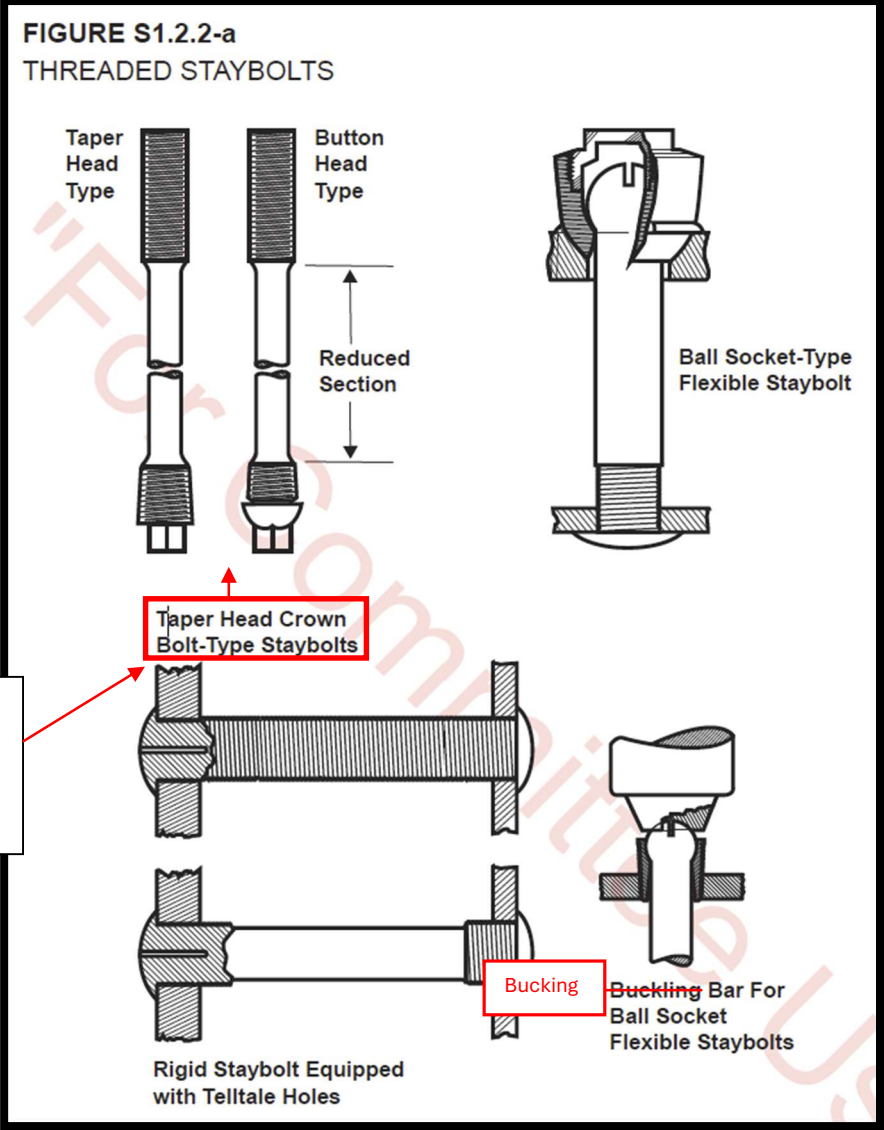
Proposed Text:

S1.2.2 THREADED STAYBOLTS

- b) All staybolts shorter than 8 in. (200 mm) in length shall have telltale holes. Staybolt telltale holes in existing staybolts shall be 3/16 in. (5 mm) to 7/32 in. (5.5 mm) in diameter and at least 1-1/4 in. (32 mm) deep in the outer end. When staybolts ~~shorter than 8 in. (200 mm) or less~~ in length are replaced, they shall be replaced with staybolts that have a telltale hole 3/16 in. (5 mm) to 7/32 in. (5.5 mm) in diameter their entire length, or with ones that have a 3/16 in. (5 mm) to 7/32 in. (5.5 mm) diameter hole in each end, drilled a minimum of 1-1/4 in. (32 mm) deep. On reduced body staybolts, ~~shorter than 8 in. (200 mm) in length~~, the telltale hole shall extend beyond the fillet and into the reduced section of the staybolt. ~~Ball socket-type flexible staybolts may have telltale holes that extend from the threaded end of the bolt into the bolt head for a distance of one third the spherical bolt head diameter.~~
- g) ~~Ball socket-type flexible staybolts may have telltale holes that extend from the threaded end of the bolt into the bolt head for a distance of one third the spherical bolt head diameter.~~ Ball socket-type flexible staybolts shall not be braced ~~for driving the staybolt~~ by inserting a spacer under the cap.

TG Locomotive – Part 3, FIGURE S1.2.2-a

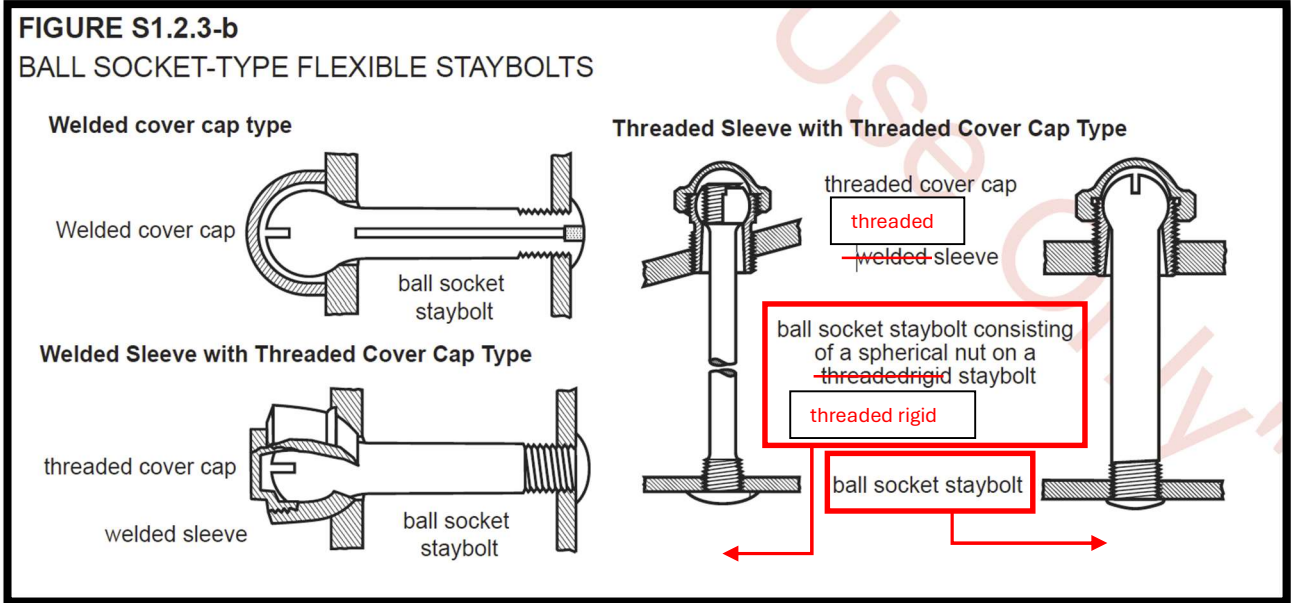
EDITORIAL CHANGES:



Add more space between this text and the image below it, as the text is only applicable to the image above.

TG Locomotive – Part 3, FIGURE S1.2.3-b

EDITORIAL CHANGES:



NBIC Action Item 25-05
 Submitted by Linn Moedinger (linnwm@supernet.com)
 Submitted on February 24, 2025



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

Subject:	Washout plug engagement limits for locomotive boilers.
NBIC Location:	Part 2, S1.4.2.22
Statement of Need:	There is no current wording for washout plug engagement.
Background Information:	Steam locomotive industry has experienced some issues/failures related to washout plug engagement

Proposed Text:

S1.4.2.22 SCREW-TYPE WASHOUT PLUGS, HOLES, AND SLEEVES

Screw-type washout plugs, holes, and sleeves, especially those having square or Acme thread, shall be inspected for:

- a) Damaged or cracked threads on the plug, hole, or sleeve;
- b) Corrosion;
- c) Cracks;
- d) Distortion;
- e) Looseness;
- f) Leakage;
- g) Steam cuts to threads and sealing surfaces; and
- h) Twisting of the plug head or body.

Note: When washout plugs are threaded ~~with using fine threads such as, but not limited to~~ USF or NPT thread, the minimum number of threads in good condition in the threaded hole shall be adequate for the service.

- i) ~~Tapered washout plugs using fine threads such as, but not limited to USF and NPT threads, shall completely engage all threads in the sheet so that no sheet threads are exposed to steam or water or are visible on the outside of the boiler. A minimum of one thread on the plug shall be visible on the exterior of the boiler at any point measured on the circumference of the plug. A minimum of one thread shall protrude into the water/steam space measured on any point of the circumference of the plug. A maximum of 12 threads shall protrude into the water/steam space measured on any point of the circumference of the plug.~~



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

Subject:	Spacers under flexible sleeves.
NBIC Location:	Part 3, S1.2.3
Statement of Need:	Inspector questioning this method because it is not specifically addressed in the NBIC.
Background Information:	Because an inspector has never seen this type of application before, the inspector is questioning its validity.
Proposed Question:	Is the installation of a tapered washer fillet welded between the shell and a flexible staybolt sleeve to eliminate angularity prohibited in the NBIC.
Proposed Reply:	No
Committee's Question:	Is the installation of a spacer, tapered or otherwise, fillet welded between the shell and a flexible staybolt sleeve prohibited in the NBIC?
Committee's Reply:	No.
Rationale:	None.

