



*THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS*

NATIONAL BOARD INSPECTION CODE TASK GROUP INTERPRETATIONS

MINUTES

Meeting of July 11th, 2022
Indianapolis, IN

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

Chair Sieme called the meeting to order at 1:00 PM Pacific Time in Fletcher Place on the second floor of the hotel.

2. Roll call of Members and introduction of Visitors

Secretary Hellman called roll of the Members and held introductions of visitors

3. Check for a Quorum

Secretary Hellman verified a quorum was reached. ([Attachment 1](#))

4. Awards/Special Recognition

5. Announcements

- The National Board will be hosting a reception on Wednesday evening from 6:30pm to 8:30pm in City Way Gallery.
- The National Board will be hosting breakfast and lunch on Thursday. Breakfast will be served from 7:00am to 8:00am, and lunch will be served from 11:30am to 12:30pm. Both meals will be served at the hotel in Market Table.
- This meeting is the last at which items can be approved for inclusion in the 2023 NBIC edition.

6. Adoption of the Agenda

- a. The following revisions were made to the Agenda:
 - i. Start time corrected
 - ii. Added the Resignation of Patricia Becker
 - iii. Added the Resignation of Robert Weilgoszinski
 - iv. Added nomination of Mr. Derby to INTERP TG
- b. The agenda was unanimously accepted, as revised.

7. Approval of the Minutes of the January 17th, 2022 Meeting

The minutes are available for review on the National Board website, www.nationalboard.org. The Minutes were motioned, seconded, and unanimously approved.

8. Review of Rosters

a. Membership Nominations

- i. Mr. Robert (Bob) Derby would like to be considered for INTERP Task Group membership. – He was UA for INTERP TG Membership.

b. Membership Reappointments

None

c. Officer Nominations

d. Resignations

- i. Patricia Becker is resigning from the INTERP Task Group
- ii. Robert Weilgoszinski is resigning from all NBIC Committees, Sub Committees, and Task Groups

9. Interpretations

Item Number: I20-78	NBIC Location: Part 3, 3.3.3 s) & 3.4.4 d)	No Attachment
General Description: Repairs and Alterations of Tube Bundles		
Subgroup: Repairs and Alterations		
Task Group: Paul Shanks		
Explanation of Need: Submission is for R Certificate Holders we provide Repair Inspection services for. NBIC Part 3, 3.3.3 s) seems to allow to be a repair, but under 3.4.4 d) where the dimensions change it might be classified as an alteration.)		
July INT TG Action: P. Shanks presented that this is still being held back. Progress Report till 21-12 is resolved.		
July Meeting Action: P. Shanks presented that this is still being held back. Progress Report till 21-12 is resolved.		
January INT TG 2022 Meeting Action: P. Shanks presented that this is still being held back. Progress Report till 21-12 is resolved.		
July INT TG 2022 Meeting Action: A new Action Item will be submitted to address this item. This will be an Intent Interp once the new Action Item is approved. This is a PR.		

Item Number: I21-39	NBIC Location: Part 3, 3.3.2 e)	No Attachment
<p>General Description: Routine repair scope</p> <p>Subgroup: Repairs and Alterations</p> <p>Task Group: P. Shanks (PM), P. Gilston</p> <p>Explanation of Need: Some R-certificate holders and AIAs are making huge (100 square feet) weld metal buildup type routine repairs on the basis that the components being built up are only 5" tubes and 3.3.2 e) 1) says welded repairs to 5" tubes are routine. As 3.3.2 e) includes "shall be limited to" shouldn't exceeding any one of the listed limitations preclude the routine repair approach.</p> <p>INT TG January 2022 Meeting Action: P. Shanks presented and issues with weld buildup vs corrosion resistance weld overlay and what is a routine repair to pipe < 5" per 3.3.2 e). The proposal was revised, and a Committee's question and answer were drafted. The proposal was Approved. M. Toth abstained.</p> <p>July INT TG 2022 Meeting Action: This will be addressed at SG tomorrow. This was a PR.</p>		

Item Number: I21-60	NBIC Location: Part 3, 3.4.5.1 b)	No Attachment
<p>General Description: UDS requirements for repairs and alterations for Divisions 2 & 3</p> <p>Subgroup: Repairs and Alterations</p> <p>Task Group: G. Galanes (PM), B. Morelock</p> <p>Explanation of Need: Is it the intent of interpretation 19-14 to prohibit the R-Certificate holder from recreating a UDS while still allowing the user to create the UDS? If yes, could the R-Certificate holder serve as the user's designated agent to recreate the UDS? Although this interpretation applies specifically to alterations, would this interpretation also be applicable to performing repairs (see 3.3.5.2(a))?</p> <p>INT TG January 2022 Meeting Action: G. Galanes presented. B. Morelock indicated that Division 3 requirements may have an impact on this item and will hold it back to make changes. This was a PR.</p> <p>INT TG January 2022 Meeting Action: T. Sieme presented that this interpretation will be addressed by A22-12. A motion to Closed w/No Action was Unanimously Accepted (UA) (Inquirer has already been contacted)</p>		

Item Number: I21-75	NBIC Location: Part 3, 3.3.2 e) 1)	Attachment 2
<p>General Description: Routine Repairs</p> <p>Subgroup: Repairs and Alterations</p> <p>Task Group: C. Hopkins (PM), S. Frazier</p> <p>Explanation of Need: The wording "but does not include nozzles to pressure-retaining items" could lead into interpreting the nozzle as a whole including the joint attaching the nozzle to the PRI.</p> <p>INT TG January 2022 Meeting Action: Neither Mr. Hopkins or Mr. Frazier were present to report on the item. This was a PR</p> <p>INT TG July 2022 Meeting Action: T. Sieme presented. This proposal failed LB due to lack of PM response with a vote of 14-2. The proposal was revised after discussion. The proposal was UA as revised.</p>		

Item Number: I21-79	NBIC Location: Part 3, 3.3.3(h)(2)	No Attachment
<p>General Description: Mechanical Replacement of Shell or Head</p> <p>Subgroup: Repairs and Alterations</p> <p>Task Group: B. Schaefer (PM), M. Quisenberry</p> <p>Explanation of Need: This interpretation and corresponding Code revision (A21-80) would provide clarity to NBIC users and address whether mechanical replacement of these components is considered a repair.</p> <p>INT TG January 2022 Meeting Action: M. Quisenberry presented a PR</p> <p>INT TG July 2022 Meeting Action: M. Quisenberry presented a PR</p>		

New Interpretation Requests:

Item Number: I22-14	NBIC Location: Part 3, 3.2.2 b) and c)	No Attachment
General Description: Overlaid Replacement Parts		
Subgroup: Repairs and Alterations		
Task Group: T. McBee (PM), M. Carlson, D. Kinney, M. Quisenberry, P. Gilston, J. Ferreira		
Explanation of Need: Replacement parts that are documented using a Manufacturer's Partial Data report that have been inspected by an Authorized Inspector may still be supplied as a replacement part under paragraph 3.2.2 b) and therefore not require a Hydro test per Paragraph 3.2.2 e). Panels made from Overlaid tubes and for single overlaid tube Dutchman that contain only weld overlay, where the overlay is not considered to be pressure retaining when the overlay is not considered part of the strength of the boiler tube per ASME Section I PW-44. May be supplied as replacement parts under paragraph 3.2.2 b). The purpose of the overlay is to extend the life of boiler tubes in the waste to energy corrosive environment from external wear.		
July 2022 Meeting Action: T. McBee presented. Additional members added to task group. This was a PR.		

10. Future Meetings

- January 2023 – Charleston, SC
- July 2023 – TBD

11. Adjournment @ 2:40 PM by Chair Sieme.

Respectfully submitted,

Terrence Hellman

Terrence Hellman, TG Interpretations Secretary



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

PROPOSED INTERPRETATION

Item No.	21-75
Subject/Title	Routine Repairs
Project Manager and Task Group	
Source (Name/Email)	Logan Somers / lsomers@harder.com
Statement of Need	The wording "but does not include nozzles to pressure-retaining items" could lead onto interpreting the nozzle as a whole including the joint attaching the nozzle to the PRI.
Background Information	When discussing scheduling of repairs this information is used by the owner to determine when the unit may be brought down for repair based on the availability of the Inspector.
Proposed Question	May the identical replacement of a waisted flange at the end of a nozzle off a PRI be considered a routine repair in accordance with the requirements of 3.3.2 when only the flange is replaced and not the joint attaching the nozzle to the PRI?
Proposed Reply	No
Committee's Question 1	<u>May the in-kind replacement of a flange connected to a nozzle be considered a routine repair when only the flange is replaced, and not the weld joint attaching the nozzle to the PRI, if and when the nozzle meets the requirements for tubes and pipes in Part 3, 3.3.2 e)1)?</u> <u>May the identical replacement in kind of a waisted flange at the end of a nozzle, NPS 6 (DN 125) in diameter or smaller, off attached to a PRI be considered a routine repair in accordance with the requirements of Part 3 Section 3.3.2 (e) (1) when neither postweld heat treatment nor NDE, other than visual is required and only the flange is replaced and not the joint attaching the nozzle to the PRI?</u>
Committee's Reply 1	Yes
Rationale	The replaced flange would be considered a fitting in the category of Part 3 Section 3.3.2 (e) (1).
Committee's Question 2	
Committee's Reply 2	
Rationale	

CODE INTERPRETATIONS

Requests for code Interpretations shall provide the following:

a) Inquiry

Provide a condensed and precise question, omitting superfluous background information and, when possible, composed in such a way that a "yes" or a "no" reply, with brief provisos if needed, is acceptable. The question should be technically and editorially correct.

b) Reply

Provide a proposed reply that clearly and concisely answer the inquiry question. Preferably the reply should be "yes" or "no" with brief provisos, if needed.

c) Background Information

Provide any background information that will assist the committee in understanding the proposed Inquiry and Reply Requests for Code Interpretations must be limited to an interpretation of the particular requirement in the code. The Committee cannot consider consulting type requests such as:

A review of calculations, design drawings, welding qualifications, or descriptions of equipment or Parts to determine compliance with code requirements;

A request for assistance in performing any code-prescribed functions relating to, but not limited to, material selection, designs, calculations, fabrication, inspection, pressure testing, or installation; or

A request seeking the rationale for code requirements.