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*THE NATIONAL BOARD
OF BOILER AND PRESSURE VESSEL INSPECTORS*

NATIONAL BOARD INSPECTION CODE FRP TASK GROUP

MINUTES

Meeting of October 14th, 2024
Virtual via MS Teams

The National Board of Boiler & Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, Ohio 43229-1183
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1. Call to Order

The meeting was called to order at 3:30 p.m. Mountain Time.

2. Introduction of Members and Visitors

The following members were present at the meeting:

- Ms. Debra McCauley, Chair
- Mr. Jonathan Ellis, Secretary
- Mr. Allen Beckwith
- Mr. Doug Eisberg
- Mr. Brian Linnemann
- Mr. John Eihusen
- Mr. Bernie Shelley
- Mr. Norman Newhouse
- Mr. Juan Bustillos

3. Announcements

Mr. Ellis announced that the publication process for the 2025 NBIC edition is moving forward as scheduled.

Ms. McCauley stated that she would like to see more participation in the NBIC FRP Task Group, including more coordination with ASME Section X.

4. Adoption of the Agenda

Ms. McCauley proposed adding a discussion item on FRPI. A motion was made, seconded, and unanimously approved to adopt the agenda with the proposed addition.

5. Approval of the Minutes of April 2024 Meeting

The minutes can be found on the National Board website:

<https://www.nationalboard.org/Index.aspx?pageID=13&ID=18>

A motion was made, seconded, and unanimously approved to approve the minutes of the April 2024 meeting.

6. Review of Rosters

a. Membership Nominations

- i.** The group discussed looking for a new member with FRP inspection experience.

b. Membership Reappointments

- i.** None.

c. Officer nominations

- i.** None.

7. Action Items

Item Number: NB16-1402	NBIC Location: Part 2	Attachment 1
General Description: Life extension for high pressure vessels above 20 years		
Subgroup: FRP		
Task Group: M. Gorman (PM), N. Newhouse, J. Eihusen		
October 2024 Meeting Action: Discussion began with the topic of inspectors pushing a vessel beyond its designed life. Currently, there is no accountability for how this is done, ethically or technically. There are vessels that are soon approaching the end of their lifespan, and owners won't want to scrap them. There is a need to establish rules for these vessels. Mr. Gorman was not present to discuss the proposal and potential changes to it. Some questions to consider: How often to inspect a vessel after 20 years? What FFS guidelines could be considered? The task group will discuss with Mr. Gorman to see how to get the item moved forward.		

8. Additional Business

Follow-up items from April 2024 meeting:

- Part 3, S4.16.4 a) 2) – The group determined that the liner may need to exceed the original thickness, and therefore the requirement may need to be changed. It was clarified that this is talking about routine repairs, but there may be a need to increase that limit or add clarification. The group wants to discuss this further to determine if a code change is needed.
 - Discussion was held on routine repairs versus normal repairs. Mr. Beckwith stated that he felt 100sq. in. is small, even for routine repairs. Mr. Shelley stated that RTP-1 sets a percentage of surface area as limit for routine repairs. The group will look further into whether changing to a percentage of surface area is viable.
- During discussion regarding repairs and alterations to RTP-1 vessels, it was pointed out that a change could be made to Part 3, S4.18.2.5 b) to require pressure test in accordance with the original code of construction.
 - Mr. Beckwith will draft language that adds a statement about repairs needing to be performed by an RP shop.
- Fiberglass Storage Tank Inspection Procedures (from FRPI)
 - Ms. McCauley shared a presentation on procedures written by FRPI.
 - Discussion was held on overlap with existing inspection procedures (e.g., ASME, NBIC).
 - There may be a need to discuss this with National Board management.

The group then discussed Geoff Clarkson's presentation. The group felt that the method has some flaws, and it could be dangerous the way it was presented. It's clear that there is a gap trying to be filled.

9. Future Meetings

January 13th-16th, 2025 – NBIC Committee meeting in Charleston, SC

Aril 2025 – TG FRP Meeting

10. Adjournment

Ms. McCauley adjourned the meeting at 5:22 p.m. MT

Respectfully submitted,
Jonathan Ellis
Secretary