



Date Mailed: May 11, 2015

MINUTES

NBIC SUBGROUP on
FIBER REINFORCED PLASTIC
PRESSURE EQUIPMENT

THE
NATIONAL
BOARD
OF BOILER AND
PRESSURE VESSEL
INSPECTORS

Tampa Marriott Westshore
Tampa, FL
April 20, 2015

Meeting of SubGroup on Fiber Reinforced Plastic Pressure Equipment

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

The National Board of Boiler & Pressure Vessel Inspectors
1055 Crupper Avenue
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Call to Order

The meeting was called to order at 12:35 by Bernie Shelley, Chairman.

Announcements

None.

Adoption of the Agenda

It was moved and seconded to approve the agenda as proposed. The motion carried.

Approval of the Minutes

It was moved and seconded to approve the minutes of the Las Vegas, NV meeting, October 20, 2014. The motion carried.

Old Business

NB11-1901 (Installation of High Pressure Vessels): Status report: D. Keeler (Not in attendance: Report by F. Brown)

- This item did not pass the NBIC Installation Subcommittee.
- Responses to Subcommittee Installation comments have been written.
- The proposal will be re-balloted separate from the Installation Checklist.

Vessel End of Life: Status report: M. Gorman: This item is in progress, and was discussed in length with more direction provided to Mr. Gorman.

Inspection of Section VIII, Division 3 CRPVs: Status report: N. Newhouse: work in progress. This item applies to Section VIII, Div. 3 vessels with a FRP overwrapped shell.

Repairs of high pressure vessels; Part 3 S4: Status report: Mr. Sirosh: This topic is included in the NBIC. Mr. Sirosh will review the requirements in the NBIC, and determine if the NBIC requirements can be revised.

New Business

NB15-2202 Installation checklist PM: D. Keeler: Mr. Keeler requested the separation of the checklist from the installation procedure. Mr. Keeler to revise for ballot.

NB15-2201: Proposed revisions to Supplement 10, *Inspection of High Pressure Composite Pressure Vessels*: B. Shelley: This proposal addresses editorial changes suggested on the final ballot for NB10-0601. Also included in this proposal are editorial changes of "should" to "shall".

During the review of NB15-2201, Mr. Besserman noted there will be no color in the 2015 edition of the NBIC. There was **very adamant opposition** to the removal of color from the NBIC. As noted by the members, color is essential to the inspection of FRP vessels. Also noted; Section X strives to provide requirements for the safe manufacture of FRP vessels. The NBIC should provide requirements for adequate inspection of FRP vessels.

Next Meeting

The next meeting is scheduled for October 19, 2015 in Las Vegas, NV.

Adjournment

The meeting was adjourned at 4:04 PM.

Respectfully submitted,
Francis Brown
Secretary, NBIC-FRP Subgroup

Attendance

B. Shelley
T. Cowley
N. Newhouse
J. Richter
M. Gorman
N. Sirosh
D. Eisberg
D. McCauley
R. Crawford
F. Brown

Visitors

B. Linnemann: RL Industries, Inc.
W. Holtzclaw: Holtec, LLC (for AOC)
A. Pollock: Mistras Group, Inc.
P. Klingensmith: PSK Consulting Eng'rs
P. Stumpf: ASME
M. Vazques: ASME
N. DiNovo: Pentair
B. Besserman: National Board

Copy:

B. Besserman
G. Scribner
C. Withers