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

**NATIONAL BOARD
SUBGROUP
LOCOMOTIVE BOILERS**

MINUTES

Meeting of July 18th, 2016
Columbus, OH

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

The National Board of Boiler & Pressure Vessel Inspectors
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1. **Call to Order 10:30 USING WEB X**
2. **Introduction of Members and Visitors**
3. **Announcements DEAD LINE FOR 2017**
4. **Adoption of the Agenda** Passed as revise with new business
5. **Approval of the Minutes of March 24th - 25th, 2016 Meeting** Passed

The minutes from the March 2015 meeting are posted on the National Board website.

Attendance

- | | |
|--------------------------------|----------------------------|
| L. Moedinger- Chairman | D. McCormack-Member (webx) |
| M. Janssen-Member (using webx) | R. Stone-Member |
| R. Ferrell- Secretary | P. Welch- Visitor |
| S. Butler- Member (using Webx) | K McCown- Visitor |
| D. Conrad-Member | D. Martinez-Visitor |
| R. Franzen- Member | R. Schuler-Visitor |
| D. Griner-Member | |

6. Review of Rosters

a. Membership Nominations

- Paul Welch currently on SC part 2 Inspection and NBIC Main Committee
- Mark Jordan on current SG Historical presently
- Rick Musser assistant chief mechanical officer at Strasburg Railroad has attended past meetings
- All candidates passed

b. Membership Reappointments

- Mr. Linn Moedinger and Mr. Matthew Janssen are eligible for reappointment to SG Locomotive Boilers. A vote will be taken. Any appointments are subject to the approval of the Chairman of the Board of Trustees. All reappointments Passed

c. Officer Selection

- Mr. Linn Moedinger’s appointment as SG Locomotive Boilers Chair has expired. A vote will be held to select a SG Locomotive Boilers Chair. Any member of the SG Locomotive Boilers may put their name forward for the SG Locomotive Boilers Chair position. There is no term limit, so Mr. Moedinger is eligible for reappointment to this position. After the vote, the selected candidate must be appointed by the Chairman of the Board of Trustees.
- Re appointment of Mr. Moedinger as Chair of SG locomotives passed

7. Action Items

Item Number: NB13-1401	NBIC Location: Part 3, S1.9.2	No Attachment
General Description: Add wording in this section regarding boiler tube welding		
Subgroup: Locomotive		
Task Group: R. Stone (PM)		
History:		
<u>July 2015</u> This item was sent to letter ballot at the July 2015 meeting. This item failed a letter ballot to SC Repairs and Alterations due to five disapprovals (see attachment).		
<u>January 2016</u> Mr. Galanes reported that the subcommittee is awaiting comments from Mr. Stone.		
<u>July 2016</u> Progress report.- Mr. Stone received negatives and will address them.		

Item Number: NB13-1405	NBIC Location: Part 3, S1.2.9	No Attachment
General Description: Add requirements for throttle pipes, dry pipes, superheater headers, and front end steam pipes		
Subgroup: Locomotive		
Task Group: R. Stone (PM)		
History:		
<u>January 2016</u> Mr. Galanes reported that there was no progress made.		
<u>July 2016</u> Past ballot of October 2013 will be forwarded to SC RA		

Item Number: NB13-1407	NBIC Location: Part 3, S1	No Attachment
General Description: Add requirements for repair and alteration of bolts, nuts, and studs in locomotive boilers		
Subgroup: Locomotive		
Task Group: R. Stone (PM)		
History:		
<u>July 2014</u> A progress report given by Mr. Reetz. This item had passed SG locomotive boilers but did not make the SC R&A agenda.		
<u>January 2015</u> Mr. Galanes gave a progress report. There was no action to report.		

March 2015

This item unanimously passed SG Locomotive Boilers.

July 2015

Mr. Galanes gave a progress report. A proposal was prepared by SG Locomotive Boilers. SC Repairs and Alterations sent this item to letter ballot at the July 2015 meeting. This item failed the letter ballot due to disapprovals.

January 2016

Mr. Galanes reported that there was no progress made.
SG reviewed and approved changes by SC as is.

July 2016

SC RA sent back to SG for action.

Item Number: NB13-1408	NBIC Location: Part 3, S1	No Attachment
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General Description: Add requirements for repair and alteration of locomotive boilers with threaded boiler studs of the taper thread and straight thread varieties

Subgroup: Locomotive

Task Group: R. Stone (PM)

History:

July 2014

A progress report given by Mr. Reetz. This item had passed SG locomotive boilers but did not make the SC R&A agenda.

January 2015

Mr. Galanes gave a progress report. There was no action to report.

March 2015

This item unanimously passed SG Locomotive Boilers.

July 2015

Mr. Galanes gave a progress report. This item was sent back to SG Locomotive Boilers for further work.

January 2016

Mr. Galanes reported that there was no progress made.
Work to be done by R Stone and resubmitted to SG Locomotives

Item Number: NB15-1703	NBIC Location: Part 3	No Attachment
General Description: Welded staybolt procedures		
Subgroup: Locomotive		
Task Group: L Moedinger PM		
History:		
<u>July 2015</u> Mr. Galanes reported that no action has been taken.		
<u>January 2016</u> Mr. Galanes reported that no progress was made		
<u>July 2016</u> Progress report		

Item Number: NB16-1801	NBIC Location: Part 3, S1	No Attachment
General Description: Review Part 3 S1 for revisions based on the publication of ASME Section 1, Part PL searching for conflicts between codes (harmonizing)		
Subgroup: Locomotive		
Task Group: L. Moedinger (PM) Progress report by L Moedinger		

Item Number: NB16-2501	NBIC Location: Part 3, S1	No Attachment
General Description: Review Part 3 S1 to change Radiographic examination to Volumetric examination. This will harmonize supplement 1 with NBIC and ASME Section I 2017		
Subgroup: Locomotive		
Task Group: L. Moedinger (PM) Progress report by L Moedinger		

Item Number: NB16-2502	NBIC Location: Part 3, S1 table S1.1.3.1	Page A-1
General Description: Revise Part 3 S1 Table S1.1.3.1 to include Patch Bolts in Threaded Staybolt box of the table.		
Subgroup: Locomotive		
Task Group: L. Moedinger (PM) Moved to SC RA and Passed in SC RA and MC		

Item Number: NB16-2503	NBIC Location: Part 3, S1.1.3.1	Page A-2
General Description: Revise Part 3 S1 Table S1.1.3.1 delete grade B from SA 31 for welded Staybolts		
Subgroup: Locomotive		
Task Group: L. Moedinger (PM) Moved to SC RA and passed by the SC and MC.		

Item Number: NB16-2504	NBIC Location: Part 3, S1 table	No Attachment
S1.1.3.1		
General Description: Review Part 3 table to evaluate the use of SA 234 versus SA 105 due to changes in those ASME Section II Specifications.		
Subgroup: Locomotive		
Task Group: D. Griner (PM) M. Janssen Progress report		
Item Number: NB16-2505	NBIC Location: Part 3, S1 Table	Pages A 1- and A-2
S1.1.3.1		
General Description: Add SA 696 to Hollow Cylindrical Pressure- retaining Parts and Staybolt caps and Sleeves.		
Subgroup: Locomotive		
Task Group: L. Moedinger (PM) Moved to SC RA. Passed at SC RA and MC.		

Discussion concerning calculations ASME vs. Compendium calculations- no action taken

8. Future Meetings

January 9-12, 2017 – San Diego, California

July 17-20, 2017 – Location TBD

9. Adjournment 4:49PM

Respectfully submitted,

Robert Ferrell
SG Locomotives Secretary