

Date Distributed: June 20, 2012



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

NATIONAL BOARD INSPECTION CODE COMMITTEE

AGENDA

*Meeting of July 19, 2012
Columbus, Ohio*

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 - 8:00 a.m.**
2. **Introduction of Members/Visitors**
3. **Announcements**
 - a. Mr. David Douin, National Board Executive Director
 - b. Executive Committee Report
4. **Adoption of the Agenda**

NB12-1101 Part 3, 5.13.1 SG R/A General- Revision of R forms. (Attachment 4, pp. 82-85)

January 2012

Mr. Webb gave a progress report. A task group of Mr. Webb (Chair), G. Galanes, R. Pulliam, Nikki Estep (NB Staff), Deanna Mazik (NB Staff) and Donna Radcliff (NB Staff) will work on this action item.

July 2012

Mr. Webb is expected to report.

5. **Approval of the Minutes of January 2012 Meeting**
6. **Review of Rosters/Resignations/Nominations/Reappointments (Attachment 1)**

- a) Changes to rosters
 - a. Resignations
 - Mr. David Parrish has submitted his resignation. He is retiring from his job at FM Global and therefore losing his corporate sponsorship.
 - Mr. Paul Welch is retiring from the state of Georgia therefore terminating his membership.
 - Mr. Frank Pavlovicz has resigned from the SC on Repairs and Alterations.
 - b. Nominations and reappointments for NBIC Committee members and subgroups that serve all four subcommittees.
 - Mr. Stan Staniszewski and Mr. Paul Edwards are eligible for reappointment to the NBIC Committee.
 - Mr. Brian Boseo, NB Certificate Holder, would like to be considered for membership to the SC on Repair and Alteration. Please view his attached resume.
 - Mr. Chad Bryan Jurisdictional Authority, would like to be considered for membership to the SC on Repairs and Alterations. A vote will be taken.
 - Mr. Rick Strum Jurisdictional Authority would like to be considered for appointment to the SC on Installation. A vote will be taken.

The following committee members are eligible for reappointment to their respective committees:

- Messrs. Brian Moore, Paul Bourgeois, Ray Snyder, Craig Hopkins, Geoff Halley and Michael Richards are eligible for reappointment to the SC on Installation.
- Messrs. Domenic Canonico, Don Cook, Jim Getter, Mark Horbaczewski, Greg McRae, and Mark Mooney are eligible for reappointment to the SC on Inspection.
- Messrs. George Galanes, Jim Larson, Frank Pavlovicz, Bryan Schulte, Jim Sekely and Mike Webb are eligible for reappointment to the SC on Repair and Alteration.
- Messrs. Michael Gorman, Don Cook, Juan Bustillos, and Bernard Shelly are eligible for reappointment to the SG on FRP.
- Mr. Bob Reetz and Mr. Tom Dillon are eligible for reappointment to the SG on Historical Boilers.
- Messrs. Timothy Bonn, Andrew Stupica, Ed Soltow, Merle Minik, Woody Banker and Shawn Malone are eligible for reappointment to the SG on Graphite.
- Messrs. Frank Hart, Sid Cammeresi, Denis DeMichael, Robert Donalson and Ms. Marianne Brodeur are eligible for reappointment to the SC on PRD.
- Messrs. Bill Withuin, Steven Butler, David Conrad, Robert Franzen, Stephen Lee, Steve Jackson, Linn Moedinger, George Scerbo, Robert Schueler, Richard Stone, Doyle McCormack, Robert Yuill, David Griner and Matthew Jansen are eligible for reappointment to the SG on Locomotive Boilers.

7. Report of Subcommittees

a. Subcommittee on Installation (Attachment 2)

Charge: Responsible for developing new rules, revising, interpreting and maintaining existing rules which address administrative and technical requirements for installing pressure retaining items. This subcommittee also directs, supports, reviews and approves any items forwarded by each subgroup functioning under this subcommittee.

Membership: Michael Richards (Chair), Paul Bourgeois, Geoff Halley, Craig Hopkins, Stan Konopacki, Brian Moore, Don Patten, Gary Scribner, Raymond Snyder, Harold Tyndall, Paul Welch, Jeanne Bock (Secretary).

Mr. Richards is expected to report on the following:

1) Inquiries

There were no inquiries submitted for this subcommittee.

2) Action Items

NB08-0320 Part 1, 4.3 SC Installation - Add a new paragraph in 4.3 General Requirements to address change of service for a pressure vessel. These requirements should caution installers, inspectors, owners, and jurisdictional authorities of the inherent dangers involved when changing service. A new supplement should be added to address the specific requirements for installation of pressure vessels that are being converted from one service to another. (Attachment 2, pp. 1-5)

July 2008

A task group was assigned.

January 2009

A progress report was given.

July 2009

Mr. Bryan Schulte gave a progress reports on items NB08-0320, NB08-0321 and NB08-0322 in the absence of Mr. Bob Wielgoszinski. The task group will continue to work on these items simultaneously.

January 2010

Mr. Wielgoszinski gave a progress report.

July 2010

Mr. Wielgoszinski reported on items NB08-0320, NB08-0321 and NB08-0322 at this time as they are all related. A progress report was given. The task group would like to letter ballot this item before the next meeting.

January 2011

Mr. Edwards gave a progress report on NB08-0320, NB08-0321 and NB08-0322.

July 2011

Mr. Wielgoszinski reported on the three action items, NB08-0320, NB08-0321, and NB08-0322, regarding change of service. The task group is getting closer to a proposal. Mr. Wielgoszinski plans on having a document to send to task group members for comment or correction. The task group will have something to present at the January meeting.

January 2012

Mr. Wielgoszinski reported on items NB08-0320, NB08-0321 and NB08-0322. He stated that he hopes to letter ballot the subcommittees for guidance purposes before the next meeting.. There was a motion to letter ballot the subcommittees for information only. The motion was unanimously approved.

July 2012

Mr. Wielgoszinski is expected to report on action items NB08-0320, NB08-0321 and NB08-0322 at this time.

NB08-2101 Part 1 Installation SG on Boilers - CSD-1 does not address solid fuel firing and it would be appropriate for the NBIC to look into it. A task group of G. Halley (Chair), M. Richards, G. Scribner and B. Moore has been assigned. (Attachment 2, pp. 6-11)

July 2008

A progress report was given. Mr. Geoff Halley presented a handout.

January 2009

A progress report was given.

July 2009

A progress report was given.

January 2010

Mr. Halley gave a progress report. He stated that he is seeking guidance from other companies and he hopes that by the July 2010 meeting he will have a proposal ready.

July 2010

Mr. Halley presented a handout and asked the NBIC Committee members to review it and comment on it for the next meeting.

January 2011

Mr. Richards presented a progress report and draft. The group has been asked to look into exactly where fuel shutoff should be with respect to solid fuel (wood/biomass) firing boilers, and what to do with circulating fluidized bed boilers, bubbling bed boilers, etc. Mr. Richards expressed that the committee's input on this item would be appreciated.

July 2011

Mr. Richards reported and presented a new document associated with solid fuel firing. This document will be used from this point forward to work with and build upon.

January 2012

Mr. Richards gave a progress report and handouts were provided for the Committee to read and comment on after the meeting.

July 2012

Mr. Richards is expected to report.

NB10-0201 Part 1 S3 - Expand the section on installation of thermal fluid heaters. This action item is a result of splitting NB09-0601 into two parts. A task group of G. Halley and P. Bourgeois has been assigned. (No Attachment)

January 2010

Mr. Scribner gave a progress report.

July 2010

A progress report was given.

January 2011

Mr. Richards presented a progress report. This item folds back into item NB07-1208, where a definition has been finalized and is being sent out for letter ballot. Once a result has been received back from the letter ballot we will be able to pursue further with this item.

July 2011

Mr. Richards gave a progress report. He stated that now that there is an approved definition of thermal fluid heaters, the task group can begin work on this item.

January 2012

Mr. Richards reported that there was no progress on this item.

July 2012

Mr. Richards is expected to report.

NB10-1201 Part 1 SC Installation- Request for a format change to NBIC Part 1 Code Rules. A task group of G. Scribner, S. Torkildson, S. Konopacki and D. Patten has been assigned. (Attachment 2, pp. 12-23)

July 2010

Mr. Scribner gave a progress report.

January 2011

Mr. Richards presented a progress report. The goal is to consolidate all the general requirements for Boilers, Pressure Vessels, etc.

July 2011

Mr. Richards reported with a handout created to compare power boilers and steam heating boilers. It was found that power boilers are lacking in the book so the task group is looking to expand wording on power boilers.

January 2012

Mr. Richards gave a progress report.

July 2012

Mr. Richards is expected to report.

NB11-0802 Part 1, 1.4.5 SG Boilers - Boiler Installation Report review. A task group of G. Scribner (Chair), B. Moore and M. Richards has been assigned. (No Attachment)

July 2010

A task group was assigned.

January 2011

Mr. Richards presented a progress report. A review of the I-1 form continues in order to make sure it adequately addresses the needs of jurisdictional requirements. What is needed to ensure it is in accordance with what the current law mandates.

July 2011

Mr. Richards reported that they have looked at the current form and there may be a need to make an additional form for the installation of pressure vessels.

January 2012

Mr. Richards gave a progress report. He said this item was an ongoing effort.

July 2012

Mr. Richards is expected to report.

NB11-1901 Part 1, SG Fiber Reinforced Plastic-Installation of High Pressure Composite Pressure Vessels The FRP Subgroup initiated this proposal to provide guidance for a safe installation of high pressure vessels operating in close proximity to the public. (No Attachment)

January 2012

A handout of this proposal was distributed to the SC from the FRP SG. There was a motion to letter ballot this item with a 1 month time frame. The motion was unanimously approved. The letter ballot passed and now needs approval from the NBIC Committee. The letter ballot failed at the Main Committee level and was sent back to the SG on FRP for more work.

July 2012

Mr. Richards is expected to report.

NB11-2001 Part 1, 2.9.4 SG Pressure Vessels and Piping - Address the safe venting of isolatable economizers where the outlet is below the inlet of other communicable chambers (headers, drums, etc). (Attachment 2, pp. 24-32)

July 2011

Mr. Richards reported that they asked the commenter, who was present at the subcommittee meeting to resubmit his question in the proper format. The subgroup will evaluate this item at that time.

January 2012

Mr. Richards reported that he hoped to letter ballot the NBIC Committee before the next meeting. The Committee was letter balloted but the project manager, Don Patten, decided to pull the ballot in response to the several negatives that were received. He felt the Subcommittee on Installation needed to re-work some of the wording.

July 2012

Mr. Richards is expected to report.

NB12-0302 Part 1, SG Pressure Vessels and Piping- Define installation requirements for PVHO (hyperbaric chambers). (No Attachment)

January 2012

Mr. Richards gave a progress report.

July 2012

Mr. Richards is expected to report.

NB12-0304 Part 1, SG Pressure Vessels and Piping - Installation requirements for carbonated beverage systems. (No Attachment)

January 2012

Mr. Richards gave a progress report and provided the Committee with more information regarding the item in the handout.

July 2012

Mr. Scribner is expected to report.

NB12-1301 Part 1, SG on Boilers - Delete the definitions of power boiler and high temperature water boiler from this section. This action item is a result of NB07-1208. (Attachment 2, pp. 33-34)

Brian Moore requests to add to this agenda as missing - Action Item **NB07-1208**. Mr. Moore

presented a proposal of text changes to 2.2, 3.2, and the addition of 9.1. The group has agreed to close out NB07-1208 which is of a broader scope and opened a New Action Item of **NB12-1301**. This new action item is a subset of NB07-1208. Mr. Moore will take into consideration the groups concerns with the presented proposal and rework to present at the July 2012 meeting.

July 2012

Mr. Moore is expected to report.

NB12-1401- Part 1, SG on Boilers - Reference item NB09-0204. Address the installation of Potable Water Heaters. A task group of G. Scribner, P. Bourgeois, B. Moore, and H. Tyndall was assigned. (No Attachment)

July 2012

Mr. Scribner is expected to report.

b. SC on Inspection (Attachment 3)

Charge: Responsible for developing new rules, revising, interpreting and maintaining existing rules which address administrative and technical requirements for inspection of pressure retaining items. This subcommittee also directs, supports, reviews and approves any items forwarded by each subgroup functioning under this subcommittee.

Membership: Don Cook (Chair), Tim Barker, Domenic Canonico, Mark Horbaczewski, Jim Getter, Greg McRae, Mark Mooney, Venus Newton, David Parrish, Ralph Pate, Bob Reetz, John Richardson, Jim Riley, Jason Safarz, Mike Schwartzwalder, Stan Staniszewski, Randy Wacker and Bill Smith (Secretary).

D. Cook is expected to report on the following:

1) Inquiries

IN12-0201 Part 2, 5.5.2-5.5.2.3 SC Inspection - Q: If a National Board Commissioned Inspector has verified the replacement of stamped data or nameplate by an "R" Certificate Holder on Corrugated rolls that are not stationary and subject to operation in multiple Jurisdictions, possibly by multiple owners, is the application of an NB-136 "Replacement of Stamped Data" form required? A: No, if performed by an "R" Certificate Holder and verified by an National Board Commissioned Inspector the responsibility of traceability and nameplate accuracy is on the Certificate Holder similar to nameplate replacement in the NBIC Part 3, 5.5.9.5. (Attachment 3, pp.1-6)

IN12-0202 SC on Inspection Part 2, 5.2 – Q: Can an NB-136 “Replacement of Stamped Data Form” which is required to be signed by a National Board Commissioned Inspector, for Corrugated Rolls that are not stationary and subject to operation in multiple Jurisdictions, possibly by multiple owners, be filed with The National Board and copied to the applicable Jurisdiction in lieu of obtaining an approval signature from the Jurisdiction? A: Yes, the approval from one Jurisdiction should not be incumbent on any other Jurisdiction due to transient nature of Corrugated Roll Pressure Equipment. Similarly, if there was no Jurisdiction in the location of installation another Jurisdiction would be compelled to accept National Board filing if the equipment is moved. (Attachment 2, pp. 1-6)

3) Action Items

NB07-0910 Part 2 S6 SG Inspection Specific - Review DOT supplement. A task group of S. Staniszewski (Chair), G. McRae and J. Riley has been assigned. This specific Supplement should be reviewed by the task group for completeness and accuracy. (No Attachment)

July 2007

A progress report was given. Changes to the DOT Glossary were approved previously due to approved public review comments.

January 2008

A progress report was given. The task group has met twice to discuss the public review comments received from the 2007 edition and in the process 11 more issues were identified.

July 2008

A progress report was given.

January 2009

This item was taken as a progress report. Mr. Staniszewski reported that the Federal Government is planning to release a standard on rule making under docket # PHMSA 2005-21351 in June of 2009.

July 2009

A progress report was given. Mr. Staniszewski reported that the docket did not make its release date and that he would keep the Committee updated on the publication of the standard.

January 2010

A progress report was given.

July 2010

Mr. Staniszewski gave a progress report. The document is currently under review from the legal department. At the end of the year there will be an advance notice of rulemaking.

January 2011

Mr. Cook presented a progress report. The Federal Government has put out for public review comment the addition of the NBIC and ASME Section XII. The question presented was: Would it be a good thing for various members of the committee to respond positively to the incorporation of these two standards to the Federal Government as part of their public review comment? Mr. Terry Parks answered that this would be very appropriate. Terry stated that we would find out how to go about doing this and send an email out with instructions. Mr. Paul Edwards stated that the email states that the review time closes March 23rd. It was also questioned whether this was going to be done on an individual basis or as a committee. Terry stated that we can take this up with Mr. David Douin to see if we want to endorse it as a company or an individual. The majority of the committee felt that this should be done on an individual basis.

July 2011

Mr. Cook presented a progress report that was sent by Stan Staniszewski. The DOT has the rule making package in process right now of being approved and Stan is limited to what he can legally discuss. Stan will keep us abreast to any developments.

January 2012

Mr. Staniszewski gave a progress report. He said that the advanced notice of proposed rule-making process has concluded and the DOT is evaluating the public review comments.

July 2012

Mr. Staniszewski (if present) is expected to report.

NB08-0701 Part 2 S7 SG on Inspection Specific- Add a requirement for change of service from above ground to below ground installation of LPG tanks. We also need requirements for how to inspect these tanks. A task group of G. McRae (Chair), G. Galanes, J. Getter, M. Huffman, V. Mullins, J. Reed, D. Cook, J. Richardson and V. Newton has been assigned. (Attachment 3, p. 8)

January 2008

A progress report was given and a task group was assigned.

July 2008

A progress report was given.

January 2009

A progress report was given. This item will be discussed in conjunction with NB08-0321.

July 2009

This item was taken as a progress report. This action item will be worked on simultaneously with the task group assigned to NB08-0320, NB08-0321 and NB08-0322.

January 2010

No progress.

July 2010

A progress report was given.

January 2011

Mr. Cook presented a progress report. At the end of the SG meeting on Tuesday a working group came up with new language such as for a Header - How do you change from an above ground to below ground service for an LPG Tank and a list of items that an inspector would be concerned with to verify that it would be a suitable change of service. A proposal will be presented at the July 2011 meeting.

July 2011

Mr. Cook stated there was no progress.

January 2012

Mr. Staniszewski gave a progress report. He said that the advanced notice of proposed rulemaking process has concluded and the DOT is evaluating the public review comments.

July 2012

Mr. Staniszewski (if present) is expected to report.

NB08-0703 Part 2 S7SG on Inspection Specific - Investigate the feasibility of marking or stamping a re-rated name plate on a LPG tank that is being altered from an above ground tank to a below ground tank. A task group of G. McRae (Chair), G. Galanes, J. Getter, M. Huffman, V. Mullins, J. Reed, D. Cook, J. Richardson, and V. Newton has been assigned. (No Attachment)

July 2008

A progress report was given and a task group was assigned.

January 2009

A progress report was given. This item will be discussed in conjunction with NB08-0321.

July 2009

A progress report was given.

January 2010

No progress at this time.

July 2010

A progress report was given.

January 2011

Mr. Cook presented a progress report. This remains an LPG Topic. It is the nameplate that you would have to have in order to go from an above ground to a below ground service. This action item will roll over to the NB08-0701 item which will incorporate this nameplate requirement as part of that activity. Both action items will remain open separately and will close out at the same time upon completion of the work.

July 2011

A progress report was given by Mr. Cook. The Task Group met and is working on the requirements.

January 2012

Mr. Cook gave a progress report.

July 2012

Mr. Cook is expected to report.

NB10-0601 Part 2, SC S6, SG on Fiber Reinforced Plastic- Inspection of high pressure composite vessels. (No Attachment)

July 2011

A letter ballot was sent to the SC in May but it was repealed by the subgroup before its closure. There were a lot of comments by SC members that they were unfamiliar with these types of vessels.

January 2012

Mr. Cook gave a progress report and stated that this item was related to the presentation that Mr. Eisberg had made earlier in the meeting. This item was letter balloted to the Main Committee again but was pulled for more work by the subgroup.

July 2012

Mr. Cook is expected to report.

NB10-1301 Part 2 SG Inspection Specific- Address anhydrous ammonia nurse tank inspection. A task group of G. McRae (Chair), S. Staniszewski, J. Getter and R. Reetz has been assigned. (Attachment 3, pp. 9-10)

January 2010

A task group of Greg McRae (Chair) Stan Staniszewski, Jim Getter and Bob Reetz was assigned.

July 2010

A progress report was given.

January 2011

A progress report was given. Mr. Reetz has been assigned as chair of the task group on this item and will provide some information for the next meeting.

July 2011

Mr. Reetz reported that there was no progress while awaiting ANSI K61.1 “Storage & Handling of Anhydrous Ammonia” and that they should have something for the next meeting.

January 2012

A progress report was given. Mr. Reetz put together some wording for the subcommittee and they decided that it needed more work.

July 2012

Mr. Reetz is expected to report.

NB11-0201 Part 2, S2 SG Historical Boilers- Address limits for bulged stayed firebox sheets. A task group of R. Bryce, D. Cook and F. Johnson has been assigned. (No Attachment)

July 2010

A task group of R. Bryce (Chair), D. Cook and F. Johnson was assigned.

January 2011

Mr. Cook presented a progress report. The users are looking for a way to say what thickness is allowed. We’re looking for an engineering basis to address this. Additional research is required.

July 2011

Mr. Cook gave a progress report. Finite Element Analysis (FEA) is being considered as a tool for establishing limits.

January 2012

This item was taken as a progress report. Mr. Cook provided a handout of wording that was for information only. The subgroup on Historical Boilers is still working on formal wording.

July 2012

Mr. Cook is expected to report.

NB11-0203 Part 2, S2, 13.9.1 SG Historical Boilers - Revise text and figures to incorporate the correct percentage of wasting allowed. A task group of M. Wahl and T. Dillon has been

assigned. (No Attachment)

July 2010

A task group of M. Wahl and T. Dillon was assigned.

January 2011

A progress report was given. The task group is still looking at the figures and pictures.

July 2011

Mr. Cook reported that there was no progress on this item.

January 2012

Mr. Cook gave a progress report.

July 2012

Mr. Cook is expected to report.

NB11-0204 Parts 2 & 3, S2 SG Historical Boilers- Review NDE requirements of stayed areas. A TG of M. Wahl (Chair), J. Larson and F. Johnson has been assigned. (No Attachment)

January 2011

Mr. Cook presented a progress report. The task group assigned on the Historical Boiler SG is addressing this item.

July 2011

A task group has been assigned. No report at this time.

January 2012

Mr. Cook gave a progress report and suggested that this item be moved from Inspection to Repair and Alteration.

July 2012

Mr. Cook is expected to report.

NB11-0901 Part 2 S6, SG on Historical Boilers- Add charts and formulas for calculating the MAWP of cylindrical components under external pressure. (Attachment 3, p.11)

January 2011

Mr. Cook presented a progress report. This item is basically doing an external pressure calculation on a curved surface. Minnesota's Chief Joel Amato would like us to provide a chart in the book on how to do this type of calculation. A task group of engineers is working on this request.

July 2011

Mr. Cook reported that they have a couple of engineers working on this item but there is nothing to report at this time. It will be hard to come up with a chart when there are so many different cylindrical items. The task group will continue to work on this for the next meeting.

January 2012

Mr. Cook gave a progress report.

July 2012

Mr. Cook is expected to report.

NB11-1101 Part 2, S2.6.2 b), SG on Historical Boilers -This section should be revised to provide more guidelines for evaluating local pitting corrosion versus general corrosion. (Attachment 3, pp. 11-12)

January 2011

Mr. Cook presented a progress report.

July 2011

No progress at this time.

January 2012

Mr. Cook gave a progress report. The task group is struggling with calculating MAWP using the lowest pit versus general thinning. They will continue to work on this issue.

July 2012

Mr. Cook is expected to report.

NB11-1601 Part 2, Table S2.10.4.1 SG on Historical Boilers -This chart contains errors in formula and should be revised. (Attachment 3, pp. 14-22)

July 2011

Mr. Cook reported that there was no progress at this time.

January 2012

Mr. Cook gave a progress report. The Subcommittee would like to letter ballot the subgroup on this item before the next meeting. The task group assigned consists of Robert Bryce and Bob Reetz.

July 2012

Mr. Cook is expected to report.

NB11-1603 Part 2, S2.10.2 SG on Historical Boilers- Define deteriorated rivet heads. (Attachment 3, pp. 23-31)

July 2011

A task group of Dr. Bryce and Dennis Rupert was assigned.

January 2012

Mr. Cook gave a progress report and had a handout that was for information only. The subgroup has not produced any formal language at this time.

July 2012

Mr. Cook is expected to report.

NB11-2101 Part 2, SG Inspection Specific- Address refurbished tanks. (Attachment 3, pp. 32-34)

July 2011

Mr. Cook reported that Virgil Mullins, Domenic Canonico, John Richardson and Jim Getter were assigned to a task group to address this action item.

January 2012

Mr. Cook gave a progress report.

July 2012

Mr. Cook is expected to report.

NB12-0604 Part 2, Forms NB-6 and NB-7 SG Inspection General - Change these forms to become current with Jurisdictional requirements. (Attachment 3, 35-38)

January 2012

Mr. Cook gave a progress report. A task group of Don Cook, Ralph Pate, Tim Barker, Mark Mooney and Buddy Dobbins has been assigned.

July 2012

Mr. Cook is expected to report.

NB12-1501 Part 2 SG Inspection General__Review inspection requirements so as to align with installation requirements in Part 1. (No Attachment)

January 2012

A Task group of V. Newton, M. Horbaczewski, J. Daiber and J. Safarz was assigned.

July 2012

Mr. Newton is expected to report.

NB12-1801 Part 2, 5.5.2-5.5.3, SG Inspection Specific - Replacement of stamping during inservice inspection. (Attachment 3, pp. 39-47)

July 2012

Mr. Cook is expected to report.

NB12-1901 All three parts SC on Inspection This action item was opened as a result of NB11-1501 to address the usage of the words "metal" and "material". The task group of Venus Newton (Chair), Brian Moore and Jim Pillow has been assigned to examine their respective parts.

July 2012

Mr. Newton is expected to report.

c. SC on Repairs and Alterations (Attachment 4)

Charge: Responsible for developing new rules, revising, interpreting and maintaining existing rules which address administrative and technical requirements for repairing or altering pressure retaining items. This subcommittee also directs, supports, reviews, and approves any items forwarded by each subgroup functioning under this subcommittee.

Membership: George Galanes (Chair), Stuart Cameron, Paul Edwards, Wayne Jones, Jim Larson, Frank Pavlovicz, Ed Ortman, Jim Pillow, Bryan Schulte, Jim Sekely, Mike Webb and Jim McGimpsey (Secretary).

G. Galanes is expected to report on the following:

1) Inquiries

IN11-0903 Part 3, 4.4.4 SC Repairs and Alterations- Question: If the installation of the new nozzles is considered an alteration(s) (in accordance with NBIC NB23, 2007 Edition, para. 3.4.4) is the "R" Certificate Holder required to prepare a detailed alteration plan covering the scope of the repair (3.4.4.1) prior to commencement of any work? Answer: Yes. (Attachment 4, p. 1-2)

IN11-0904 Part 3, 4.4.4.1 a) SC Repairs and Alterations - Question: Does the R Certificate Holder have to have the detailed alteration plan and R-2 form reviewed and certified by an Engineer meeting the criteria of ASME, VIII Div 2 or 3 prior to commencement of the work? Answer: Yes (Attachment 4, p. 2-3)

IN12-0401 Part 3, 4.4.2 SC Repairs and Alterations Question 1: In Part 3, 4.4.2 a) is it the purpose of the rule to require a liquid pressure test at a pressure less than 150% of the maximum allowable working pressure (MAWP) stamped on the pressure-retaining item, as adjusted for temperature? A1: No. (Attachment 3, pp. 4-5)

Question 2: In Part 3, 4.4.2 a) is it allowable to perform a liquid pressure test at a pressure less than 150% of the MAWP stamped on the pressure-retaining item to verify the leak tightness of the alteration? A2: Yes (Attachment 4, pp. 4-5)

2) Action Items

NB10-0103 Part 3 Part 3 S2.13.9.2 SG on Historical Boilers- Resolve conflict of text and figure. S2.13.9.2. (No Attachment)

January 2010

A progress report was given.

July 2010

A progress report was given.

January 2011

Mr. Reetz presented a progress report. When looking at the text and figures of one of another item they have decided to bring both figures together to present at the July 2011 meeting.

July 2011

Mr. Bob Reetz reported that there was no progress on this action item at this time.

January 2012

Mr. Reetz gave a progress report. He stated that they should have something for the Committee in July.

July 2012

Mr. Reetz is expected to report.

NB10-0110 Part 3 S6.19.1 TG on DOT Combine and clarify requirements within S6.15 for TR-Forms, S6.18 Preparation of TR-Forms and S6.19 for Reports of Repairs, Alterations and Modifications. (Attachment 4, pp. 6- 11)

January 2010

A progress report was given.

July 2010

Mr. Staniszewski gave a progress report. The task group is reviewing inconsistencies within the forms in Part 3.

January 2011

Mr. Staniszewski was not present at the January meeting so no report was presented.

July 2011

Mr. Galanes reported that he had nothing to report on this item.

January 2012

Mr. Staniszewski provided a progress report. He said that he hopes to have something to present to the Committee in July.

July 2012

Mr. Staniszewski is expected to report.

NB10-1004 Part 3 S2 Fig. S213.13.1 SG on Historical Boilers- Figure and title are incorrect. Figure should show caulking of seam and rivet heads. The title should reflect caulking of seam and rivet heads also. (No Attachment)

July 2010

Mr. Reetz gave a progress report.

January 2011

Mr. Reetz gave a progress report. A proposal is expected to be ready to present with an improved picture and better terms by the July 2011 meeting.

July 2011

Mr. Reetz reported that there was no progress on this item.

January 2012

Mr. Reetz reported that there was no progress on this item at this time.

July 2012

Mr. Reetz is expected to report.

NB11-0701 Part 3, S3.5.4 SG on Graphite- Address graphite tube replacement. (No Attachment)

January 2011

Mr. Galanes presented a progress report. This item was letter balloted and received several negative comments. Francis Brown is taking a look at the comments and reworking the item to have a proposal for the July 2011 meeting.

July 2011

Mr. Galanes stated that he had spoken with Mr. Francis Brown regarding this item. The subgroup is continuing to work on this item and will hopefully have something ready for the January meeting.

January 2012

Mr. Chuck Withers reported that he had spoken with Francis Brown regarding this action item.

The subgroup plans to letter ballot the subcommittee in the next few months.

July 2012

Mr. Galanes is expected to report.

NB11-1001 Part 3, 3.3.4.9, SG on R/A Specific- Tube plugging for fire tube boilers. (Attachment 4, pp. 12-13)

January 2011

Mr. Pillow presented a progress report. Ms. Linda Williamson was assigned as lead on this item. Ms. Williamson has since left her position and Angelo Bramucci is the new lead. There have been discussions on whether to address plugging of fire tubes in the NBIC. The committee is in agreement that we should give some guidance. More work regarding proposed guidance will be completed for the July 2011 meeting.

July 2011

A progress report was given. It was stated that work was done by the task group and that they had received comments and feedback from many sources. They will be presenting new information at the next meeting.

January 2012

Mr. Pillow gave a progress report. He stated that the task group of Angelo Bramucci, Wayne Jones, and Ray Milletti will continue to work on it by consulting other experts for their feedback.

July 2012

Mr. Bramucci is expected to report.

NB11-1201 Part 3, 1.8, SG on R/A General- Revise Part 3, 1.8 “NR” Accreditation requirements to include repairs to ASME Section III stamped components. (Attachment 4, pp. 14-16)

January 2011

A task group has been assigned of C. Withers, P. Edwards, B. Schaefer, P. Nightengale, and B. Wielgoszinski (or another designated HSBCCT Representative) to take a look at the NR Program.

July 2011

Mr. Chuck Withers gave a progress report. Right now the NR program is written around Section XI requirements and they want to allow repairs under Section III requirements. The task group met and they discussed this item but Mr. Withers feels that it will be at least a year before they have something to present to the Committee.

January 2012

Mr. Edwards gave a progress report. The task group of himself (Chair), Chuck Withers, Pat Nightengale, Ben Schaefer, Clay Smith, Rick Swayne and Bob Wielgoszinski will continue to work on it with hopes of completion by the 2015 edition of the NBIC.

July 2012

Mr. Edwards is expected to report.

NB12-0501 Part 3, 3.2.2 c) SG R/A General- Hydrostatic testing of pressure parts. (No Attachment)

July 2011

A TG of R. Wielgoszinski (Chair) G. Galanes and B. Moore was formed.

January 2012

Mr. Wielgoszinski gave a progress report.

July 2012

Mr. Wielgoszinski is expected to report.

NB12-0603 Part 3, 1.5.1, 1.7.1, 1.8.1, SG R/A General - Removal of administrative requirements from Part 3. (Attachment 4, pp. 17-79)

January 2012

Mr. Edwards reported that a task group of Terry Parks (Chair), Ed Ortman, Randy Cauthon and Brian Boseo has been assigned to address this issue. The task group hopes to have something ready for the July meeting.

July 2012

Mr. Parks is expected to report.

NB12-0801 Part 3, SG R/A General -Repair and Alteration of Gasketed PHE's in the field. (Attachment 4, pp. 80-81)

January 2012

Mr. Edwards reported that a task group of Mr. Ortman (Chair), Mr. Galanes and Mr. Wielgoszinski has been assigned.

July 2012

Mr. Ortman is expected to report.

NB12-1101 Part 3, 5.13.1 SG R/A General- Revision of R forms. (Attachment 4, pp. 132- 145)

January 2012

Mr. Webb is expected to report.

NB12-2001 Part 3, 5.13.4.1 SG R/A General - Revise text in this section to address the inconsistent interpretations of item 12 of the R form. This item will be handled by the same TG handling NB12-1101. (Attachment 4, pp. 86-87)

July 2012

Mr. Webb is expected to report.

NB12-2101 Part 3, 4.2 SG R/A General – A recommendation to change the reference in this section from 2001 to 2006. (Attachment 4, pp. 88-95)

July 2012

A report is expected.

d. Subcommittee on PRD (Attachment 5)

Charge: To develop new rules, revise, interpret and maintain existing rules which address administrative and technical requirements for installation, inspection and repairs of pressure relief devices.

Membership: Frank Hart (Chair), Marianne Brodeur, Sid Cammeresi, Alton Cox, Denis DeMichael, Robert Dobbins, Robert Donalson, Thakor Patel, Raymond McCaffrey, Kevin Simmons and Joe Ball (Secretary).

Mr. Ball is expected to report on the following:

1) Inquiries

IN12-0301 A Part 2, 2.5.8, SC on PRD- Q: The table of suggested inspection and test frequencies in 2.5.8 f) does not include a column for "test frequency". Is the suggested test frequency the same as the suggested inspection frequency? Proposed reply: Yes (Attachment 5, p.1)

IN12-0301 B Part 2, 2.5.8, SC on PRD- Q: When test records and/or inspection histories are available, can the guidelines in 2.5.8 (g) be used to establish inspection and test frequencies, even if a suggested frequency is given in the table in 2.5.8 f)? Proposed reply: Yes (Attachment 5, p. 2)

IN12-0301 C Part 2, 2.5.8 , SC on PRD- Q: For relief devices on a pressure vessel in clean dry gas service, if testing records are available, and a testing frequency is established in accordance with 2.5.8 g) may the interval between relief device tests exceed 5 years? Proposed reply: Yes (Attachment 5, p. 3)

IN12-0301 D Part 2, 2.5.8 , SC on PRD-Q: For relief devices on a pressure vessel in clean dry gas service, if testing records and inspection histories are available, and a testing frequency is established in accordance with 2.5.8 g), may the interval between inspections be different than the interval between tests. For example, in clean dry gas service, would it be acceptable if the relief devices were inspected every 2 years, but tested every 6 years? Proposed reply: Yes (Attachment 5, p. 4)

IN12-0301 E Part 2, 2.5.8, SC PRD Q: Once an acceptable relief device test interval has been established per 2.5.8(g), is it acceptable to replace the relief devices with new devices, of the same make and design, at the established test frequency, in lieu of testing the relief devices? For example, in clean dry gas service, would it be acceptable if the relief devices were inspected every 2 years, and replaced every 6 years in lieu of functional testing, with a random sample of replaced devices being bench tested to confirm that the 6-year interval is still acceptable? Proposed Reply: Yes (Attachment 5, p. 5)

2) Action Items

NB11-0401 Part 4, SC PRD - The development of a possible fourth part of the NBIC to cover pressure relief topics. (Attachment 5, pp. 8-73)

January 2011

Mr. Hart presented a progress report. Three SC-PRD task groups worked on identifying pressure relief valve paragraphs that are in NBIC Parts 1, 2, and 3 to be moved to a proposed NBIC Part 4. From this work, a final draft is now being completed. A Part 4 draft will be distributed by letter

ballot to the SC-PRD following this meeting. Once that is in agreement the part 4 will be forwarded to the other Subcommittees for their review. Once that is in agreement it will then be presented to the main committee.

July 2011

Mr. Hart reported that there is a draft of Part 4 developed. They plan to letter ballot the subcommittee on PRD and then a letter ballot to each subcommittee for their respective parts. Each part will only be voting on their individual part for comment only. The SC hopes to have this all completed before the next meeting.

January 2012

Mr. Hart reported that the Subcommittee plans on letter balloting each of the other subcommittees' on their respective parts for comment only. After all the comments are received the Subcommittee on PRD will letter ballot the NBIC Committee on the completed Part 4. The Subcommittee hopes to have this completed before the publication of the 2013 Edition of the NBIC.

July 2012

Mr. Ball is expected to report.

NB12-0901 Part 4 SC on PRD - Prepare a guide for repair of tank vents. (No Attachment)

January 2012

Mr. Hart gave a progress report. A task group was assigned.

July 2012

Mr. Ball is expected to report.

NB12-1701 Part 2, SC on PRD- Suggestion to make it mandatory for manufacturers to make it public to all assemblers and VR stamp holders if there is a problem with their valves. (Attachment 5, pp.74-75)

July 2012

Mr. Ball is expected to report.

8. Liaison Activities

- a. ASME- Paul Edwards
- b. AWS- Jim Sekely
- c. API- Jim Riley
- d. I.C.C.-Chuck Withers
- e. PCC- Terry Parks
- f. Others

9. New Business

NB12-1602 NBIC Procedure -This action item was opened as a result of the negative votes received for the NBIC procedure Rev. 11. (Attachment 6, pp. 1-31)

July 2012

Mr. Wielgoszinski is expected to report.

10. Election of NBIC Committee Chairperson.

11. Future Meetings

The following meetings have been scheduled:

January 14-18, 2013, Mobile, Alabama

July 15-19, 2013, Columbus, Ohio

12. Adjournment

Respectfully submitted,

Robin Hough
Secretary, NBIC Committee