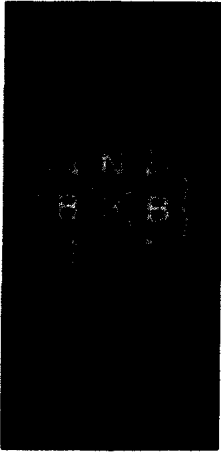


Date Distributed: February 10, 2010



THE  
NATIONAL  
BOARD  
OF BOILER AND  
PRESSURE VESSEL  
INSPECTORS

NATIONAL BOARD  
INSPECTION CODE  
SUBGROUP ON HISTORICAL BOILERS

*MINUTES*

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*Meeting of January 18, 2010  
Austin, Texas*

*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  
1055 Crupper Avenue  
Columbus, Ohio 43229-1183  
Phone: (614)888-8320  
Fax: (614)847-1828

**1. Call to Order**

The Chairman, Robert Reetz called the meeting to order at 1:00 p.m. on January 18, 2010.

**2. Announcements**

- a) The National Board would host a reception on January 20, 2010 from 6:30– 8:30 p.m.
- b) The National Board would host a continental breakfast on January 21, 2010
- c) The National Board would provide lunch on January 21, 2010.

**3. Adoption of the Agenda**

A motion was made to amend the Agenda with 4 additional business items. The motion was unanimously approved as amended.

**4. Approval of the Minutes of July 2009**

A motion was made to approve the minutes of the July 2009 meeting. The motion was unanimously approved.

**5. Review of the Roster**

The attendees, members, alternates and guests are identified on **Attachment 1**. With the attached attendance listing, a quorum was established. Mr. Babcock was excused.

**6. Interpretations**

There were no interpretations assigned to the subgroup.

**7. Action Items**

**NB09-1201 Part 2 Supplement-2** Review Part 2 Supplement 2 to see what needs to be added and expanded upon.  
The subgroup will continue to review the supplement and report their progress at the next meeting.

**NB09-1202 Part 3 Supplement-2** Review Part 3 Supplement 2 to see what needs to be added and expanded upon.  
The review of Part 3 Supplement 2 will commence after completion of the review of Part 2 Supplement 2.

**NB10-0103 Part 3 S2.13.9.2** Resolve the conflict of text and figure S2.13.9.2.  
A Task Group was assigned: Tom Dillon & Mike Wahl.

**NB10-0104 Part 3 S2.13.12.2** Should the reference in a) be to S2.13.11.2 or what is written?  
After discussion it was determined that the reference is correct but the Figure needs some work. A Task Group was assigned: Tom Dillon & Mike Wahl.

**NB10-0105 Part 3 S2.13.12.2** Remove a) from paragraph and revise wording so both paragraphs are clear. Clarify rules for Welded Flush Patches in Tubesheets. After discussion it was determined that the Figure is wrong. A new Figure will be provided by the Task Group-Tom Dillon & Mike Wahl.

**8. New Business**

**NB10-1001 Part 3 S2.13.14.3(b)** Add figure and reference for flush patch for fusible plug.

**NB10-1002 Part 1, 2 & 3 S2 Historical Boilers** Define Scope. Task Group assigned- Robert Reetz - Chair, Don Cook, Jim Larson, & Dennis Rupert.

**NB10-1003 Part 1,2 & 3) S2 Historical Boilers** Supply guidance for inspection and test requirements for new and refurbished replacement boilers. Task Group assigned- Don Cook- Chair, Jim Larson, Mike Wahl & Frank Johnson.

**NB10-1004 Part 3 Figure S2.13.13.1** 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. New drawing will be supplied to committee members by Tom Dillon for review and approval.

**9. Report**

A report was given by Robert Bryce of Heartland Software Solution, Inc. Austin, MB, Canada on the concerns for inspection and repairs on Historical Boilers in Canada that are not covered by the NBIC. These concerns include:

- laminations
- bagging / pillowing and other in-service deformations (dents)
- deteriorated rivet heads ( where, how much becomes a concern?)
- where localized thinning may be a concern due to increased effects on structural integrity (e.g. it may be of a greater concern around a staybolt, than on an unstayed area.
- NBIC forms and wording seem to indicate that only the crown sheet is used to calculate the MAWP, but other flat stayed surfaces should be itemized and reported, so the forms cannot be used.
- locations to measure material thickness in flat stayed surfaces – Manitoba wants to measure within 1” of each stay to pick up localized thinning which often occurs around a staybolt.

**10. Future Meetings**

July 2010 Columbus, Ohio  
January 2011 Austin, Texas

**11. Adjournment**

The meeting was adjourned at 5:00 pm on January 18, 2010.  
Respectfully Submitted,

Bill Smith  
Secretary, Subgroup on Historical Boilers

Attachment 1- Attendance Roster 2 pages

**Attendance List SG on Historical Boilers**

**Meeting Date: January 18, 2010**

<p><b>Bruce E. Babcock</b> 11155 Stout Road Amanda, OH 43102</p> <p>Ph: 740-969-2096 Fax: E-mail: <a href="mailto:brucebabcock1@yahoo.com">brucebabcock1@yahoo.com</a></p>	<p>Attended: Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>	<p><b>Steven E. Bacon</b> Inspector Supervisor Conoco Phillips Ferndale Refinery 3901 Unick Road PO Box 8 Ferndale, WA 98248</p> <p>Ph: 360-384-8238 Fax: 360-384-8422 E-mail: <a href="mailto:steven.e.bacon@conocophillips.com">steven.e.bacon@conocophillips.com</a></p>	<p>Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>
<p><b>Don Cook</b> Princ. Safety Engineer Dept. of Industrial Relations Div. of Industrial Safety &amp; Health 1515 Clay Street, Suite 1302 Oakland, CA 94612-1302</p> <p>Ph: 510-622-3050 Fax: 510-622-3063 E-mail: <a href="mailto:DCook@dir.ca.gov">DCook@dir.ca.gov</a></p>	<p>Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>	<p><b>Mike Wahl</b> WHSEA N 10447 Cty. Rd. G New Holston, WI 53601</p> <p>Ph: 920-972-7308 Fax: E-mail: <a href="mailto:mikew@midstal.com">mikew@midstal.com</a></p>	<p>Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>
<p><b>Tom Dillon</b> 1160 97<sup>th</sup> Ave., North Maple Grove, MN 55369</p> <p>Ph: 763-425-0733 Fax: E-mail: <a href="mailto:tdillon@deltak.com">tdillon@deltak.com</a></p>	<p>Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>	<p><b>Frank Johnson</b> 9853 Mandell Road Perrysburg, OH 43551 Cell 419-386-8450</p> <p>Ph: 419-697-6502 Fax: E-mail: <a href="mailto:russelco2@aol.com">russelco2@aol.com</a> or <a href="mailto:fjkeck22@aol.com">fjkeck22@aol.com</a></p>	<p>Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>
<p><b>James P. Larson</b> OneBeacon Insurance Company 2540 180<sup>th</sup> St., East Prior Lake, MN 55372</p> <p>Ph: 952-226-2956 Fax: 952-226-2957 E-mail: <a href="mailto:jmloghome@earthlink.net">jmloghome@earthlink.net</a></p>	<p>Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>	<p><b>Robert Reetz</b> Chief Boiler Inspector North Dakota Insurance Dept. Boiler Inspection Program 1701 S 12<sup>th</sup> Street Bismarck, ND 58504</p> <p>Ph: 701-328-9607 Fax: 701-328-9610 E-mail: <a href="mailto:breetz@state.nd.us">breetz@state.nd.us</a></p>	<p>Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>_____ Initial</p>
<p><b>Dennis Rupert</b> 129 Mechanic Street Hillsdale, MI 49242</p> <p>Ph: 517-437-4565 Fax: 517-437-0407 E-mail: <a href="mailto:rupertcull@comcast.net">rupertcull@comcast.net</a></p>	<p>ATTENDED YES X DAR</p>	<p><b>BILL SMITH</b> SECRETARY THE NAT'L BOARD</p> <p>EMAIL: <a href="mailto:BSMITH@NATIONALBEACRO.ORG">BSMITH@NATIONALBEACRO.ORG</a></p>	<p>ATTENDED YES ✓ WKS</p>

**Attendance List SG on Historical Boilers**

**Meeting Date: January 18, 2010**

<p><u>Name:</u> THOMAS BUELLER  <u>Company:</u> DYNELT  <u>Address:</u> 604 PIERCE BLVD  <u>City/State/Zip:</u> O'FAHON IL  <u>Ph:</u> 618 206 5840 (o) Ext.  <u>Fax:</u> 314 420 2834 (c)          618 206 5890 F  <u>E-mail:</u> tom.bueller@dynelty.com</p>	<p><u>Name:</u> Terry Parks  <u>Company:</u> National Board  <u>Address:</u>  <u>City/State/Zip:</u>  <u>Ph:</u> Ext.  <u>Fax:</u>  <u>E-mail:</u></p>
<p><u>Name:</u> Robert Bryce  <u>Company:</u> Heartland Software Solutions  <u>Address:</u> Box 333  <u>City/State/Zip:</u> <del>Austin</del> Austin, TX, 78700  <u>Ph:</u> 204-637-2090 Ext.          778-231-7268  <u>Fax:</u> 204-637-2258  <u>E-mail:</u> rbryce@heartlandsoftware.ca</p>	<p><u>Name:</u> H. MICHAEL RICHARDS  <u>Company:</u> SOUTHERN COMPANY  <u>Address:</u> 42 INVERNESS CENTER  <u>City/State/Zip:</u> BIRMINGHAM, AL 35242  <u>Ph:</u> 205/992-7111 Ext.  <u>Fax:</u>  <u>E-mail:</u> HMRICHAR@SOUTHERNCO.COM</p>
<p><u>Name:</u> Ray Snyder  <u>Company:</u> ARISE  <u>Address:</u> 150 Costa Loop  <u>City/State/Zip:</u> Auburndale, FL 33823  <u>Ph:</u> 863 965-1417 Ext.  <u>Fax:</u>  <u>E-mail:</u> Ray@snyder-arise.com</p>	<p><u>Name:</u>  <u>Company:</u>  <u>Address:</u>  <u>City/State/Zip:</u>  <u>Ph:</u> Ext.  <u>Fax:</u>  <u>E-mail:</u></p>