

Date Distributed: July 18, 2014



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

NATIONAL BOARD SUBCOMMITTEE ON PRESSURE RELIEF DEVICES

MINUTES

Meeting of July 16, 2014
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
1055 Crupper Ave.
Columbus OH 43229
Phone: (614) 888-8320
FAX: (614) 848-3474

SUBCOMMITTEE CORRESPONDENCE

1. **CALL TO ORDER**

The meeting was called to order at 8:03 AM on Wednesday July 16, 2014 by Chairman Frank Hart.

The following members and visitors were in attendance:

Members

J. Alton Cox
Marrienne Brodeur
Frank Hart (Chair)
Robert “Buddy” Dobbins
Benjamin Anthony
Raymond McCaffrey
Denis DeMichael
Kevin Simmons
Brandon Nutter
Sid Cammeresi
Adam Renaldo
Kim Beise
David McHugh
Thomas P. Beirne, P.E.

Affiliation

JAC Consulting, Inc.
International Valve & Instrument Corp.
Furmanite Worldwide
Zurich N.A.
State of Rhode Island
Quality Valve, Inc.
DuPont
Pentair Valves and Controls
DuPont
Furmanite America
Praxair
Dowco Valve Co., Inc.
Allied Valve, Inc.
National Board (Subcommittee Secretary)

Members Not Present

Thakor Patel
R.W. Donalson

Farris Engineering
Pentair Valves and Controls

Visitors

Steve Irvin
Stan Harris
Robin Lynch
Dan Marek
Tom Tarbay
Robert Boiko

JAC Consulting
Industrial Valve
Industrial Valve
Mainthia Technologies
TRT Consulting
Commissioner, Northbrook, IL

2. **ANNOUNCEMENTS**

Mr. Hart announced the reception for Wednesday and meals provided.

3. **ADOPTION OF THE AGENDA**

The agenda dated June 17, 2014 was presented. Fifteen new action items were added to this agenda. It was moved and seconded to approve the agenda with the addition of the new action items. The motion was unanimously approved.

4. **REVIEW OF THE MINUTES**

It was moved and seconded to approve the minutes of the January 2014 meeting of the Subcommittee on Pressure Relief Devices. The motion was unanimously approved.

5. **REVIEW OF THE ROSTER**

It was noted that Mr. McCaffrey membership was up for renewal on 7/31/14. Mr. McCaffrey would like to continue his membership. The membership items are included on the main committee agenda for action.

Mr. Hart will be resigning effective July 31, 2014 due to retirement. Sid Cammeresi, Alton Cox, and Bob Donalson were nominated for Chairman. Alton Cox did not accept the nomination. By secret ballot, Sid Cammeresi was elected as the new Chairman of Sub Committee on Pressure Relief Devices by majority vote.

6. **PUBLIC REVIEW COMMENTS**

There were no public review comments for this meeting.

7. **INTERPRETATIONS**

IN14-0601

After discussion with the inquirer, the Sub Committee decided to open an action item to address this issue. The action item number is NB15-0310.

IN14-0602

After discussion with the inquirer, the Sub Committee decided to open an action item to address this issue. The action item number is NB15-0310.

8. **ACTION ITEMS**

NB11-0401 Proposed Part 4, Pressure Relief Document

Work on Part 4 continues. A review and comment ballot was sent out to the Main Committee and all the subcommittees. The comments received back were all positive with a few minor suggestions. As a result of a detailed review of the Part 4 text within this subcommittee a number of new action items were assigned to clarify various items in the text in the existing three parts.

NB12-0901 Part 3, Prepare guide for repair of tank vents

Mr. DeMichael received commitment from one manufacturer to join the task group and is currently in discussions with another manufacturer. Once he receives commitment from the second manufacturer work will commence on writing the guide.

NB13-1901 SC on PRD- Add provision to NBIC to allow partial disassembly of certain ASME Section XII valves without having to do VR.

The task group members are still doing some more research and obtaining procedures from the manufacturers. The task group consists of Joe Ball (chair), Brandon Nutter, Raymond McCaffrey, Thakor Patel, and David McHugh. Mr. Irvin volunteered to join the task group.

NB14-0602 Update/Improve Index in Parts 1, 2, 3

No additional progress was made on this item since the last meeting. This item will be continued to be worked in parallel with the development of the new Part 4 since many of the references will change.

9. NEW BUSINESS

NB14-0603 Part 3, 1.7.5.4i), 4.5.1b)2), 4.5.3c) Review of Records Retention Requirements

A task group was formed consisting of Buddy Dobbins (Chair), Kim Beise, and Adam Renaldo.

NB14-1602 Part 3, S7.14.2, Revise Wording in Chart to Include Re-assembly

Mr. Cox presented a proposal to clean up some wording in the referenced paragraph as well as add guidelines for re-assembly of valves once the repair is complete. A motion was made and seconded. After discussion the motion passed unanimously with no revisions to the proposal.

NB15-0301 Part 3, 4.5.2 Back Pressure Testing Requirement for Owner/Users

A task group was formed consisting of Alton Cox (Chair), Tom Tarbay, Denis DeMichael, and Buddy Dobbins.

NB15-0302 Part 3, 5.12.3d) Review of Blowdown Requirements

NB15-0303 Part 1, 4.5.1 and 5.3.1 Capacity Certification Wording for Resistance to Flow

NB15-0304 Part 3, 5.12.3 Verification of Manufacturer's Nameplate Information

A task group was formed consisting of Brandon Nutter (Chair), Steve Irvin, and David McHugh

NB15-0305 Part 1 Create Guidelines for Installation of Overpressure Protection by System Design

NB15-0306 Part 1, 2.9.2b) and 2.9.2c)2) Use of Pilot Operated Valves with Forced Flow Steam Generators

NB15-0307 Part 3 Create Guidelines for Repair of Pin Devices

NB15-0308 Part 1 Create Guidelines for Installation of Pressure Relief Devices for Organic Fluid Vaporizers

NB15-0309 Part 1, 4.5.6e)4), 5.3.2, 5.3.6e)4) Change "Should" to "May"

NB15-0310 Part 3, 1.7.5.4 Give Guidance as to Which Spring Chart Should be used in Repairs.

A task group was formed consisting of Alton Cox (Chair), Brandon Nutter, and Marianne Brodeur, Thakor Patel, Kevin Simmons, and Raymond McCaffrey.

NB15-0311 Part 1, 4.5.4b) Clarify Text for Fire Condition PRV Installation Requirements

NB15-0312 Part 2, 2.5.7, 2.5.8 Re-evaluate T&P Valve Inspection Requirements Based on Robert Boiko Presentation

A task group was formed consisting of Buddy Dobbins (Chair), Robert Boiko, Ben Anthony, and Joe Ball

NB15-0313 Part 1, 3.9.4.7 Clarify Text to Better Define Valve Outlet Area

NB15-0314 Part 1, 3.9.4.2 Review of Y-Base or Valveless Headers for Use in T&P Valve Installations

NB15-0315 Part 1, 4.5.6, 5.3.6 Review isolation Valve Requirements

10. FUTURE MEETINGS

The next NBIC committee and subcommittee meetings will be held in Orlando, FL during the week of January 19, 2015. The subcommittee meeting will be on January 21, 2015.

January 19-22, 2015 Orlando, FL
July 20-23, 2014 Columbus, OH

11. ADJOURNMENT

The meeting adjourned at approximately 11:47 AM

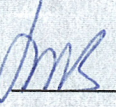
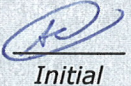
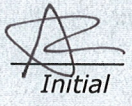

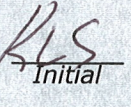
Respectfully Submitted,

Thomas P. Beirne, P.E.
Secretary, NBIC Subcommittee Pressure Relief Devices

pc: D. Douin
 D. Cook
 R. Hough

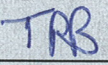


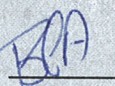
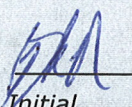
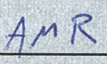

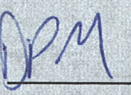
Attendance List Subcommittee Pressure Relief Devices

Meeting Date: July 16, 2014

Marianne Brodeur International Valve & Instr. Corp. 992 Bay Street PO Box 2649 Springfield, MA 01109 Ph: 413-736-3682 Fax: 413-736-5972 Email: Marianne@ivicorp.net	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  Initial	Sid Cammeresi 1513 23 rd Ave. N. Texas City, TX 77590 Ph: 409-392-0271 Fax: 409-945-5653 Email: scammeresi@furmanite.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  Initial
J. Alton Cox JAC Consulting 213 Park View Drive Belmont, NC 28012 Ph: 704-301-8532 Fax: 704-820-8408 Email: alton@jaltoncox.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  Initial	Denis B. DeMichael DuPont 12 Tims Way Hockessin, DE 19707 Ph: 302-999-2582 Fax: 302-999-6196 Email: Denis.B.DeMichael@dupont.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  Initial
R.W. Donalson Pentair Valves and Controls 10707 Clay Road Houston, TX 77041 Ph: 713-986-8339 Fax: 713-986-6387 Email: bob.donalson@pentair.com	Attended: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Initial	Kevin Simmons Pentair Valves and Controls 3950 Greenbriar Stafford, TX 77477 Ph: 281-274-4526 Fax: 281-797-6676 Email: kevin.simmons@pentair.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  Initial
Thakor Patel Sr. Project Engineer Farris Engineering Div. of Curtis Wright Flow Control Corp. 10195 Brecksville Road Brecksville, Ohio 44144 Ph: 440-838-5090 Fax: 440-838-5194 Email: TPatel@curtiswright.com	Attended: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Initial	Frank Hart Director Global Technical Support Valve Products and Services Furmanite COE Worldwide 1202 Hahlo St. Houston, TX 77020 3208 CHURCHILL PEARLAND TX 77581 Ph: 713-844-7623-832 244 7840 Fax: 713-844-9245 Email: fhart@Furmanite.com HTS.FRANK@YAHOO.COM	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Initial

Attendance List Subcommittee Pressure Relief Devices

Meeting Date: **July 16, 2014**

Thomas Beirne, P.E. The National Board 1055 Crupper Ave. Columbus, OH 43229 Ph: 614-888-8320 Fax: 614-847-1828 Email: tbeirne@nationalboard.org	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>	Raymond McCaffrey Quality Valve, Inc. 2948 Mathers Street Mobile, AL 36607 Ph: 251-476-1045 Fax: 251-476-4740 Email: raymond@qualityvalves.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>
Robert Dobbins Zurich N.A. 565 Reinhardt Road Lincolnton, NC 20892 P: 704-748-1641 F: 704-748-6778 E-mail: Robert.dobbins@zurichna.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>	Benjamin Anthony Chief B & PV Inspector Department of Labor and Training Division of Occupational Safety 1511 Pontiac Avenue Bldg. 70-2 PO Box 20157 Cranston, RI 02920-0942 P; 401-462-8574 F: 401-452-8576 Email: banthony@dlt.state.ri.us	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>
Brandon Nutter Pressure Relief Consultant Dupont – CRP 722/1061 974 Centre Rd. Wilmington, DE 19805 Ph: 302-999-6812 Fax: 302-999-6273 Email: Brandon.K.Nutter-1@dupont.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>	Adam Renaldo Praxair, Inc. P.T.C., 175 East Park Drive Tonawanda, NY Ph: 716-879-4000 Fax: 1-716-879-7939 Email: adam_renaldo@praxair.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>
Kim Beise Dowco Valve Co., Inc. 700 Spiral Blvd. Hastings, MN 55033 Ph: 651-261-1859 Fax: 651-438-2688 Email: kbeise@dowcovalve.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>	David McHugh VP of Business Development Strategic Panning Allied Valve, Inc. 1019 W. Grand Ave. Chicago, IL 60642 Ph: 312-226-1506 Fax: 312-226-1197 Email: mchughd@alliedvalve.com	Attended: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <i>Initial</i>

Attendance List Subcommittee Pressure Relief Devices

Meeting Date: July 16, 2014

<p><u>Name:</u> Stephen R. Irvin Sr.</p> <p><u>Company:</u> JAC Consulting, Inc</p> <p><u>Address:</u> 8162 Storrow Dr.</p> <p><u>City/State/Zip:</u> Westerville, OH. 43081</p> <p><u>Ph:</u> 614.572.5916</p> <p><u>Fax:</u> 614.396-6481</p> <p><u>E-mail:</u> steve@jaltoncox.com</p>	<p>For planning purposes please check below which days you will be attending this week.</p> <p>Tuesday <input checked="" type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input type="checkbox"/></p> <p>Briefly explain your reason for attending the meeting: Remain involved with NBIC develop. And serve AS ALT. for Mr. J.A. Cox</p>
<p><u>Name:</u> STAN HARRIS</p> <p><u>Company:</u> INDUSTRIAL VALVE</p> <p><u>Address:</u> Hwy 45</p> <p><u>City/State/Zip:</u> Mobile, AL. 36633</p> <p><u>Ph:</u> 251-675-5282</p> <p><u>Fax:</u></p> <p><u>E-mail:</u> SHARRIS@INDVALVE.COM</p>	<p>For planning purposes please check below which days you will be attending this week.</p> <p>Tuesday <input type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input type="checkbox"/></p> <p>Briefly explain your reason for attending the meeting: IVS Quality MANAGER - INVOLVEMENT IN VR</p>
<p><u>Name:</u> Robin Lynch</p> <p><u>Company:</u> INDUSTRIAL VALVE</p> <p><u>Address:</u> 5310 Hwy 45</p> <p><u>City/State/Zip:</u> Mobile, AL. 36613</p> <p><u>Ph:</u> 251-675-5282</p> <p><u>Fax:</u> 251-679-5018</p> <p><u>E-mail:</u> rlynch@indvalve.com</p>	<p>For planning purposes please check below which days you will be attending this week.</p> <p>Tuesday <input type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input type="checkbox"/></p> <p>Briefly explain your reason for attending the meeting: (Visitor) Testing @ Lab</p>

DAN MAREK
 MAINTHA TECHNOLOGIES
 NASA GLENN RESEARCH CENTER
 21000 BROOK PARK RD, M.S. 14-5
 CLEVELAND, OH 44135
 216-433-5494
 DANIEL.T.MAREK@NASA.GOV

TUESDAY ☒ WEDNESDAY ☒ THURSDAY ☒

REASON: HAVE INTEREST IN INVOLVEMENT WITH
 NBIC PRD CODE COMMITTEE

Tom Tarbay
TRT Consulting
301 Sycamore Dr.
Pickerington, OH 43147
614-353-0027
ttarbay@yahoo.com

Wednesday

Interested in becoming involved with the
Subcommittee Pressure Relief Devices

[Commissioner Northbrook IL
Robert Boiko C/847-477 3888
robertboiko@robertboiko.com
P.O. Box 544
Northbrook IL 60065-0544