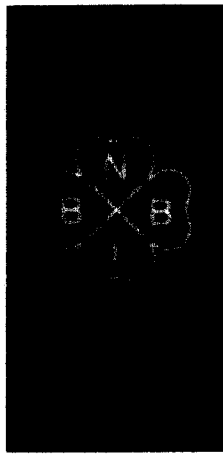


Date Distributed: June 11, 2010



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

SUBCOMMITTEE ON PRESSURE RELIEF DEVICES

AGENDA

*Meeting of July 21, 2010
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. **Announcements**
3. **Adoption of the Agenda**
4. **Approval of meeting Minutes of January 2010**
5. **Review of the Roster (Attachment 1)**
6. **Interpretations**

There are no interpretations assigned to this subcommittee.

7. **Public Review Comments for 2011 Edition Cycle A**

There are no public review comments assigned to this subcommittee.

8. **Action Items (Attachment 2)**

NB10-1401 Part 1 SC PRD Review Part 1 for inclusion of rules regarding the installation and application of change-over valves for use under pressure relief valves on boilers. (See Attachment 2, pg. 1)

July 2010

Mr. Ball is expected to report.

NB10-1402 Part 2 2.5.7 g)Part 3 S7.10.1 SC on PRD Clarification of “Restoration of Set Pressure” Review rules relating to “test only” restoring set pressure and changes in set pressure. (See Attachment 2, pgs. 2-3)

July 2010

Mr. Cox is expected to report.

NB10-1802 Part 3 5.4.2 SC on PRD Add wording regarding secondary pressure zone testing. (See Attachment 2, pgs. 4-5)

July 2010

Mr. Cox is expected to report.

9. **Future Meetings**

January 2011, Austin, Texas

July 2011, Columbus, Ohio

10. **Adjournment**

Respectfully Submitted,

Joseph F. Ball

Secretary

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SC on Pressure Relief Devices

Member	Title	ExpirDate	Interest Category
Ball, Joseph F.	Secretary		
Brodeur, Marianne		8/31/2012	NB Certificate Holders
Cammeresi, Sid		8/31/2012	NB Certificate Holders
Cox, J. Alton	Vice Chair	1/31/2012	General Interest
DeMichael, Denis B.		8/31/2012	Users
Dobbins, Robert		1/31/2013	Auth Inpection Agencies
Donalson, R. W.		8/31/2012	Manufacturer
Hart, Frank	Chair	8/31/2012	NB Certificate Holders
McCaffrey, Raymond		7/31/2011	General Interest
Patel, Thakor		1/31/2013	Manufacturer
Simmons, Kevin L.		1/31/2013	NB Certificate Holders

Total Members:	10
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request for new NBIC Business item
Joe Ball to: Robin Hough

01/25/2010 03:18 PM

For book-keeping after the NBIC meeting, the SC-PRD requests that a new business item be opened based upon discussions concerning the installation and use of "Change-over" valves.

Subject: Change-over valve Installation and Use

Proposal: Review NBIC Part 1 for inclusion of rules regarding the installation and application of change-over valves for use under pressure relief valves on boilers

Explanation: Current Part 1 rules indicate that no valve of any description shall be placed between a pressure relief valve and the boiler it is protecting. Change-over valves are available which allow the installation of two pressure relief valves and the ability to switch from one valve to another while the boiler remains running. They are covered by ASME new construction Code Case 2254, and their use is acknowledged in Part 2, paragraph 2.5.4 i). Part 1 should be reviewed for possible inclusion of rules for the installation and use of change-over valves for boilers.

Project Manager: To be assigned

Task Group: To be assigned

Please call me if there are any questions.

Thanks

Joseph F. Ball, P. E.
Director, Pressure Relief Department

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Worthington OH 43085

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Fax: 614-848-3474

NB10-1402

Fw: TEST ONLY VERSUS RESET- Request for new business item

Joe Ball to: Robin Hough

Cc: alton, fhart

02/12/2010 10:32 AM

Robin,

I missed this in the last agenda. Please assign a new business number.

Subject: Clarification of "Restoration of Set Pressure"

Proposal: Review rules relating to "test only", restoring set pressure, and changes in set pressure.

NBIC References: Part 2 par. 2.5.7 g), Part 3 par. S7.10.1

Thank you,

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Director, Pressure Relief Department

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----- Forwarded by Joe Ball/NationalBoard on 02/12/2010 10:27 AM -----

From: Alton Cox <alton@jaltoncox.com>
To: Frank Hart <fhart@furmanite.com>, Joe Ball <JBall@nationalboard.org>
Cc: Kevin Fitzsimmons <kfitzsimmons@carterchambers.com>, Thakor Patel <tpatel@curtisswright.com>, Raymond McCaffrey <ray@qualityvalves.com>, Kevin Simmons <ksimmons@tycovalves.com>, Sidney Cammeresi <sidneycammeresi@hotmail.com>, <marianne@ivicorp.net>, <bdonalson@tycovalves.com>, <glynhumphrey@bellsouth.net>
Date: 01/07/2010 12:17 AM
Subject: TEST ONLY VERSUS RESET

Frank:

There seems to be widespread misunderstanding in the PRV Industry regarding the provisions for "Test Only" or restoration of Set Pressure in NBIC. Part 3, Supplement 7, Para. S7.10. There is a misconception that this provision allows resetting a PRV to a new Set Pressure. The words are very specific that it does not apply to change of Set Pressure. Rather, S7.10.5 states that "Only external adjustments to restore the required set pressure and/or performance of a pressure relief valve shall be made under the provisions of S7.10.1".

Some of the confusion appears to apply to ASME provisions for resetting a PRV within 5% of the nameplate set pressure, or within the spring range or when determined to be acceptable to the OEM. This provision does apply to reset (set pressure change), but it

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has been interpreted by NBIC SCOP back in 1998. See below.

I would like to open an item at NBIC SC-PRD to clarify that the purpose of S7.10 is to confirm or restore a PRV to nameplate set pressure and does not include change in set pressure.

Thank you,
Alton Cox

Reference Interpretation 98-26

INTERPRETATION 98-26

Subject: RA-2262(b)(1)

1998 Edition with the 1998 Addenda

Question: May the spring on a pressure relief valve be reset within the guidelines of ASME Section 1, PG-72.3 or Section VIII, Div. 1, UG-126(c), as applicable, provided the repair activities are within the scope stated on the "VR" holder's certificate and the requirements of paragraph RA-2262(b)(1) are met?

Reply: Yes, provided the set pressure is within the manufacturer's spring range.

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Fw: New NBIC SC-PRD Item
Joe Ball to: Robin Hough

06/01/2010 11:06 AM

One more item for addition to the agenda.

Joseph F. Ball, P. E.
Director, Pressure Relief Department

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----- Forwarded by Joe Ball/NationalBoard on 06/01/2010 11:06 AM -----

From: Alton Cox <alton@delucatest.com>
To: Frank Hart <fhart@furmanite.com>
Cc: Joe Ball <JBall@nationalboard.org>
Date: 02/17/2010 10:30 AM
Subject: Re: New NBIC SC-PRD Item

Frank:

I would like to propose that SC-PRD consider revising the NBIC "VR" Rules to permit an Owner/User exemption for Secondary Pressure Zone Testing as required by ASME, Section VIII, Div. 1, Para. UG-136(d)(3) for PRVs which discharge to atmosphere regardless of the PRV Bonnet or Cap design.

Many Owner/User locations have multiple PRVs with Closed Bonnets and Closed Caps or Packed Levers which discharge to atmosphere. The ASME requirement for Secondary Pressure Zone Testing of new PRVs is intended for OEMs and Assemblers who may not know where the PRV will eventually be installed. However, the Owner/User does know where the PRV is installed and should be permitted to waive the Secondary Pressure Zone (Back Pressure) Test provided the PRV is discharging to atmosphere.

There is already an exemption in ASME for PRVs under NPS 1 inlet size. Therefore, since the precedent for exemption is already set in ASME and there is precedent in NBIC, Part 3, Para. 4.5.2, for Owner/User exemption for testing Section VIII, Steam Service, PRVs on Air, I would like to request SC-PRD open a new item regarding Secondary Pressure Zone Testing.

I will volunteer to serve on a Task Group for such an item. Thank you for

1/2 (4)

you consideration.

Regards,
J. Alton Cox
PRV Consultant
DeLuca Test Equipment
Mobile Phone: 704.301.8532
Email Address: alton@delucatest.com

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