

Board of Boiler Rules Meeting Minutes
November 9 & 10, 2015
Department of Labor & Industries, Tacoma, WA

Board Members:

Terry Chapin, Interim Chair
Jeff Waytashek
Lisa Hawkins
Jeff Barnes
Si Carroll
Tony Oda, Secretary

Other Attendees:

Michael Carlson, State of Washington
Bruce Weech, State of Washington
Cali Shoblom, State of Washington
Larry Leet, City of Seattle
Tim Barker, FM Global*
Kim Heidebrink, XL Insurance
Matthew Erlich, State of Washington
Bob Graham, ARISE*
Rick England, Spokane Industries**
Rob Olson, AO Smith**

* Attended Study Session only
** Attended Board Meeting only

The Board of Boiler Rules Study Session was held on November 9, 2015, from 10:10 a.m. to 12:48 p.m.

The Board of Boiler Rules meeting was called to order by the Interim Chair on November 10, 2015, at 10:00 a.m. Introductions were made by the board members and guests attending the meeting.

Agenda Item 1.

The meeting agenda was reviewed, amended and approved as revised.

Addition to department notes regarding verifying nameplates and leaving section (2) intact for WAC 296-104-102 and WAC 296-104-502 revisions.

Agenda Item 2.

The minutes from the September 2, 2015 meeting were reviewed and approved as written.

Agenda Item 3.
Election of Chair

The Boiler Board nominated Terence Chapin as interim chair.

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Agenda Item 4.

Approve revisions to Bylaws discussed on September 2, 2015

The board approved the revisions to the bylaws and the members signed the final version.

There was consensus to always use the latest version of the Roberts Rules of Order Newly Revised. "Current edition" was added.

Agenda Item 5.

Update on State Special Brian Dykstra

The board reviewed the written summary of the Washington State Special for a non-ASME code 1916 Case 50 Steam Tracor, Ohio #1736 and HSB 181C vessel along with the pictures, design calculations and the NDE report. State special is approved with the following requirements:

1. Replacement fire tubes to be properly installed.
2. A proper ASME fusible plug is installed.
3. A proper ASME Pressure Relief Device is installed.
4. A successful hydrostatic test at 1.25 times the MAWP of 135 psi. (MAWP not to exceed 135 PSI)

State inspector Linda Williamson verifies all of the operations above.

1. State inspector Linda Williamson conducts an operational inspection.
2. Linda Williamson will assign a Washington State Special number after completion of the above listed requirements.

The department will send a letter to Brian Dykstra with the conditions set by the board.

Agenda Item 6.

WAC 296-104-102 (1) revision of inspections standards for historical steam boilers

The department would like the board to consider revisions to items (1), (2), and (5) of WAC 102 as listed in item 4 below. Since 2007 the standard for conducting inservice inspections and repairs on historical steam boilers has been the NBIC, Appendix "C", 2004 Edition with 2006 Addenda. RATIONALE: In the 2007 Edition of the NBIC, the requirements for inservice inspection for historical steam boilers were moved to various sections of NBIC Part 2. In 2008, the boiler board adopted the 2007 Edition of the NBIC, but decided to keep Appendix "C" for historical steam boilers as it kept the inspection and repair requirements all in one document.

In the 2015 Edition of the NBIC, inspection requirements for historical steam boilers are located in Supplement 2, this supplement has added additional detailed inservice inspection requirements for historical steam boilers. In particular, are the requirements for inspection of S2.6.3.1 Line & Crevice Corrosion, S2.6.3.2 Randon Scattered Pits, and S2.6.3.3 Locally

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Thinned Areas. Adoption of Supplement 2 will give the inspector and owner/users a more definitive standard to use in evaluating corrosion

Michael Carlson noticed conditions in 13 edition and 15 edition that affected the 27 historical boilers in the state.

Make supplements mandatory:

- Staple – Part 3 alterations
- Clip – Part 2
- Appendix C

Revisions in item (1) are proposed to synchronize WAC 296-104-502 with previously adopted WAC 296-104-102 changes, where the boiler board adopted the current edition of the NBIC.

Jeff Waytashek would like to see how the new standard makes equipment safer and what impact will be placed on stakeholders.

In part 2, Supplements 9 & 10 to stay as non-mandatory until reviewed later for a possible change.

This item was tabled until the department has had a chance to send out notification to stakeholders to allow them a chance to give feedback and explore possibility of adopting new standard. The department will give a progress report at the February boiler board meeting.

Agenda Item 7.

WAC 296-104-502 (1) revision of NBIC edition and update repair standard for historical boilers

Revisions in item (1) are proposed to sync WAC 296-104-502 with previously adopted WAC 296-104-102 changes, where the boiler board adopted the current edition of the NBIC.

This item was also tabled and the department will discuss with the stakeholders regarding WAC 296-104-502 and report back with the board members at the next board meeting.

Agenda Item 8.

Revise Washington State Commission Exam questions

The board members discussed how the revisions of the exam questions were going. The revisions are due to the department by the end of the year.

Jeff Barnes would like to see a department memo stating the requirements/standards. Memo should also point to the Boiler website – body of knowledge an inspector needs to know.

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Agenda Item 9.

Department Notes:

Policy for Suspension/Revocation of Washington State Commission per RCW 70.79.180

Discuss Remote Electronic Controls

Jurisdictional policy on verifying nameplates

Rob Olson talked about remote electronic controls. This topic was tabled six years ago. WAC's need updated.

The department will add this topic of discussion to the February Boiler Board meeting. Report where the National Board is at with this. Rob Olson will also give update after getting more intel from engineering departments.

Verification certification standards are not required to be tested in the field.

Discussion on if the Washington State Exam is hard enough to show competency.

Executive process discussion – What the Board is responsible for:

- Board has a checklist
- RCW explains executive session
- Revised Administrative Policy

Tony Oda provided a summary of the inspection 101 expectations for inspectors of the state to the board members. Since 1951, verifying nameplate identification process has not been vigilant. Accumulation of years of disculture. Four years ago as a jurisdiction it was decided this is not acceptable. Unidentified vessels are not safe. The focus on every inspection is verifying the nameplate and ensuring the database is complete and accurate. There has been an increase of NB136 forms. Directive is to find the nameplate, submit for a new nameplate or apply for a state special.

The department will provide the 101 expectation information on the L&I's website; include a link of installation standards and via list serv.

Procedure to follow with NBIC.

The boiler chief, Terry Chapin wanted to thank all inspectors for their due diligence on conducting their inspections.

Meeting adjourned at 11:48 a.m.