

Board of Boiler Rules Meeting Minutes
November 4, 2014
Combined Study Session/ Board Meeting
Department of Labor & Industries, Tacoma, WA

Board Members:

Robert Olson, Chair
Larry Trender
Jeff Barnes
Terry Chapin
Jeff Waytashek
Tony Oda, Secretary

Other Attendees:

Michael Carlson, State of Washington
Tim Barker, FM Global
Larry Leet, City of Seattle
Calista Shoblom, State of Washington
Russell Bartlett, Travelers Insurance
Kim Heidebrink, Arise
Doug Barkley, U.S. Oil & Refining Co.*
Linda Williamson, State of Washington
Parker Bryant, Shell
Brian Dykstra, Private
Lee Buckley, Private

* Attended Study Session only

** Attended Board Meeting only

The Board of Boiler Rules Study Session was held on November 4, 2014, from 10:03 a.m. to 10:50 a.m.

The Board of Boiler Rules meeting was called to order by the Chair on November 4, 2014, at 11:05 a.m. Introductions were made by the board members and guests attending the meeting.

Agenda Item 1.

The meeting agenda was reviewed and approved as written.

Agenda Item 2.

The minutes from the September 10, 2014, meeting were reviewed and approved as written.

Agenda Item 3.

Request for State Special – 1910 Buffalo Pitts Steam Roller

Brian Dykstra, Everson, WA is seeking a Washington State Special for a historical 1910 Buffalo Pitts steam roller, riveted locomotive style construction boiler. It will be used as a static display and be operated approximately 40 hours/year at the Puget Sound Antique Tractor and Machinery Association in Lynden, WA. The roller had been stored outdoors in Astoria, Washington from the 1920's –early 1980's. It is now stored under cover with a dry lay-up procedure to protect it against further corrosion problems.

State Boiler Inspector, Linda Williamson, who is very familiar with this steam roller, commented that under the jacket, portions of the shell and some rivets did have some corrosion, but would not have significant impact on the pressure containing capacity of the boiler. The Board reviewed the calculations provided and found no significant concerns there. Brian Dykstra did the calculations himself, and the MT & UT's surveys were done 2 years ago. A hydrotest of 100

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PSI had been done by the owner, but not witnessed by a commissioned inspector. Based on Bryan's calculations the MAWP must not exceed 105 PSI, although the original MAWP was 150 PSI.

In accordance with the board's requirements, Linda Williamson will witness an appropriate hydrotest of the boiler, and verify that the current relief valve, set at 75 psi, and relieving capacity based on hand fired with heating surface of 119.64 square feet, 600 lb./hr. is appropriate and operates satisfactorily. The department will generate a letter to Mr. Dykstra documenting the board granting him a Washington State Special for his 1910 Buffalo Pitts Steam Roller.

Agenda Item 4.

WAC 296-104-050 Administration & WAC 296-104-102 Inspection – Revision to update API 510 edition

Parker Bryant with Shell, Anacortes, WA proposed revising WAC 296-104-050 and WAC 296-104-102 in reference to the ninth edition of API 510, amending the current rule as the owner/user groups are required by federal standards to comply with the latest edition.

WAC 296-102-050 "(ninth edition)" changed to "current edition"

Tony – Editorial change – Under WAC 296-104-050, second paragraph also. It is on "revision 8" changed to "current edition". Commissioned inspectors always comply with the current edition of NB263. It will now read:

"In order to qualify as a prospective inspector, an applicant shall meet the minimum requirements as set forth in the national board's "Rules for Commissioned Inspectors," NB263 current edition or API-510 current edition, as appropriate.

It is also in WAC 296-100-102 "Ninth Edition" changed to "current edition" in paragraph 4, which now will read:

"(4) Where a petroleum or chemical process industry owner/user inspection agency so chooses, the standard for inspection of unfired pressure vessels used by the owner/user shall be the API-510 Pressure Vessel Inspection Code, current edition. This code may be used on or after the date of issue."

The Board accepted the motion to revise both WAC's as amended. Revision request for WAC 296-104-100 will be at the next Boiler Board meeting in February 2015.

Agenda Item 5.

Department Notes:

2015 Boiler Board Meeting Calendar

2015 Fee Increases

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The 2015 Boiler Board meeting calendar was reviewed and approved by the board.

Based on fiscal group reports, the department will need a fiscal growth increase in July 2015, 1-2%.

Per Jeff Barnes request, the department will bring in a three-year history and future projections to see trending to the next Boiler Board meeting.

Jeff Waytashek mentioned the last two-year cycle amount billed. What the fiscal growth factor increase will be.

The department will bring revision request to WAC 700 as a result.

Meeting adjourned at 11:30 a.m.