

Board of Boiler Rules Meeting Minutes
February 25, 2014
Department of Labor & Industries, Tacoma, WA

Board Members:

Robert Olson, Chair
Larry Trender
Tim Barker
Leslie Grimm-Absent
Terry Chapin
Tony Oda, Secretary

Other Attendees:

Michael Carlson, State of Washington
Calista Shoblom, State of Washington
Larry Leet, City of Seattle
Ray Powell, REC Silicon*
Matthew Erlich, L&I Public Affairs*
Harvey Fleck, Arise BI&I Co.*
Doug Barkley, US Oil & Refining Co.
Jeff Barnes, HSB*
Hector Soto, ITOH2

* Attended Study Session only
** Attended Board Meeting only

Due to the limited items on the agenda, the study session and Board of Boiler Rules meeting were combined into a one day split session.

The Board of Boiler Rules Study Session was held on February 25, 2014, from 10:02 a.m. to 11:30 a.m.

The Board of Boiler Rules meeting was called to order by the Chair on February 25, 2014, at 12:30 p.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 November 13, 2013, meeting were reviewed and approved as written.

Agenda Item 3.

WAC 296-104-010 Administration – New definition for Jacketed Steam Kettle

Inspections of jacketed steam kettles have always been mandated in WA, due to their inherent danger. The requirements for these inspections were originated by a verbal directive from the jurisdiction, 25 years ago. The department would like to add a new definition of a "jacketed steam kettle" to eliminate confusion about our intent and the scope of jacketed vessels to be inspected.

There is a struggle to define the volume for these types of vessels. It was agreed it should be the total volume of kettle contents, and the annular steam space.

Tony Oda received feedback from an inspector that the volume used is in violation of the RCW 70.79.080, as it doesn't specify the pressure space (steam space/product space). The term

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volume is non-specific; therefore the board determined that both product and steam space can be used to calculate total volume for these vessels.

The board suggested input from the AG's office on proposed definition, as Rob didn't see a conflict with RCW 70.79.080.

The approved version will now read:

“Jacketed steam kettle” shall mean a pressure vessel with inner and outer walls that is subject to steam pressure and is used to boil or heat liquids or to cook food. Jacketed Steam Kettles with a total volume greater than or equal to one and one – half cubic feet (11.25 gallons) shall be ASME Code stamped.

1. “Unfired jacketed steam kettle” is one where the steam within the jacket’s walls is generated external to itself, such as from a boiler or other steam source.
2. “Direct fired jacketed steam kettle” is a jacketed steam kettle having its own source of energy, such as gas or electricity, for generating steam within the jacket’s walls.

Agenda Item 4.

WAC 296-104-010 Administration – Definition of Political Subdivision, Nursing and Boarding Homes

The department proposed that a revision be made to the current term of nursing and boarding homes currently in the WAC 296-104-010 under place of public assembly.

The Department of Social and Health Services in 2013 made changes in WAC 388-78A striking the term boarding home, and replacing it with assisted living facility.

The term boarding homes has been stricken from WAC 296-104-010. New term will be nursing homes and assisted living facilities. Rob proposed to make the WAC revision exactly as written. The Board approved this WAC change as presented below:

WAC 296-104-010 Administration—What are the definitions of terms used in this chapter?

"Place of public assembly" or "assembly hall" shall mean a building or portion of a building used for the gathering together of 50 or more persons for such purposes as deliberation, education, instruction, worship, entertainment, amusement, drinking, or dining or waiting transportation. This shall also include child care centers (those agencies which operate for the care of thirteen or more children), public and private hospitals, nursing homes and assisted living facilities.

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The department submitted a definition for “Assisted living facility”. It was decided by the Board not to include our own definition in WAC 296-104-010, as “assisted living” was already in WAC 388-78A.

The department submitted a definition for “nursing homes”.

It was decided by the Board not to include our own definition in WAC 296-104-010, as "nursing homes” was already in WAC 388-97.

The department submitted a definition for “political subdivision” in WAC 296-104-010, so that stakeholders can understand the jurisdictional boundaries. This term has caused much confusion and inconsistent enforcement by inspectors.

Rob requested the department find out if the term is defined somewhere else and adopt their definition instead of creating one with potentially more conflicts.

Tim said this has been confusing for inspectors. It is a "political subdivision" but not a "public place of assembly". The department will check with the AG’s office to verify correct definitions and report back on the status at the next board meeting.

Agenda Item 5.

WAC 296-104-100 & WAC 296-104-102 Inspection – TAPPI TIP 0402-16 2001 Edition

The department proposed revising WAC 296-104-100 and WAC 296-104-102 to the current edition of TAPPI TIP 0402-16, 2011 edition.

WAC 296-102-100 referenced TAPPI TIP 0402-16 2001 edition, and WAC 296-102-102 referenced TAPPI TIP 0402-16, dated 2006. WAC 296-104-100 had two references one of which one was not revised. The department corrected the error by changing 2001 to 2011 and striking out the reference to “edition” and including “revised” in (ii)

The Board approved this WAC as presented below:

WAC 296-102-100

(ii) Pulp or paper dryer rolls may be inspected on a five-year basis in accordance with TAPPI TIP 0402-16 Revised-2011, provided the owner has established a written inspection program accepted by the inspector that meets the minimum requirements of TAPPI TIP 0402-16 Revised-2011.

(iii) Vessels not subject to corrosion do not require an internal.

WAC 296-104-102

(5) TAPPI TIP 0402-16 Revised-2011 may be used for both pulp dryers and paper machine dryers when requested by the owner. When requested by the owner, this document becomes a requirement and not a guideline.

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Agenda Item 6.

Department Notes:

Reported progress of approved WAC changes (296-104-102, 296-104-502, and 296-104-271) with effective target date of July 1st.

The Board was presented the department's Boiler Rules Communication Plan showing the 18 steps required to go through the rule making process. Director Joel Sacks is actively involved in the process to make sure stakeholders understand the impact to their business when any changes are being made to the WAC's.

The department will not be going through a fee increase this year, as the program's budget remains stable. May go through one next year due to the increase in inflation and operating costs.

Leslie Grimm, Owner/User Representative for the boiler board, is pursuing an independent consulting position and has resigned her position. The Governor is in the process of filling the owner/user boiler board position. The department will call the Governor's office to make sure they understand the urgency in filling this position. Tim Barker's, Insurance Company Representative term expires on August 22, 2014, and is now open for recruitment. Larry Trendera and Rob Olson's positions will be expiring on August, 22, 2015.

Tony announced that the City of Seattle has been reinstated as a member jurisdiction of the National Board of Boiler and Pressure Vessel Inspectors by the NB Board of Trustees.

Tony gave an update on the status of the CO2 Installation standard. The department's AAG confirmed that is within the boiler program's jurisdictional safety mandate to include the piping, tubing and fittings as referenced in this standard. The AAG pointed out that since the definition of "unfired pressure vessel" excluded external piping that it should be revised to include external piping. After some discussion, it was decided that the best course of action would be to leave the definition of "unfired pressure vessel" alone, and develop a new definition for a "CO2 system". This new definition would also include the piping, tubing, and fittings specifically for this standard. The department will be resubmitting another WAC definition revision for the May Boiler Board meeting to receive stakeholder feedback.

Air Liquide received a one-time internal inspection frequency extension for 3 years, two years ago. They later realized that they should have requested a permanent 3 year internal inspection frequency extension. They will be reapplying in May for a permanent variance.

Meeting adjourned at 1:10 a.m.