



**MINUTES OF THE
FOURTH PRESSURE EQUIPMENT SUB-COUNCIL MEETING OF 2018,
WITH SPECIAL MEETING #2**

DATE: June 28, 2018

TIME: 9:00 a.m. to 3:10 p.m.

LOCATION: Radisson Hotel, Edmonton

PRESENT: **Sub-Council Members**
Izak Roux, Chair
Henry Hau
Gregory Gaudet
Dr. Magdi Ghobrial (morning only)
Geoff Kutz, Vice Chair
Billy Lee
Todd Loran
David Miller, Vice Chair (morning only)
Nyssa Moore
Grant Peuramaki
Jacques St-Onge
Ward Wagner (arrived at 9:25 a.m.)
John Wolff

Alberta Boilers Safety Association (ABSA)
Mike Poehlmann, Administrator, Djordje Srnic, Robin Antoniuk, Jason Reinhart (morning only), John Siggers (morning only)

Alberta Municipal Affairs
Allan Hantelmann, Bohdan Yard (morning only), Jon Elliott (morning only)

Safety Codes Council
Allison Karch

Guests
Richard Walmsley, Matt Yarmuch, Tom McCaffery (all for morning only)

REGRETS: Mike Clancy , Marvin Kossowan, Tony McWhannel

RECORDER: Sandi Orr

2018 MEETINGS: Sep 6, Oct 25, Dec 6

1. Meeting Opening

The Chair called the meeting to order at 9:00 a.m. and a safety moment was held. A round table introduction was held.

1.1. Agenda Adoption

Grant Peuramaki / Geoff Kutz moved that the agenda be adopted as circulated; CARRIED

1.2. Adoption of May 3, 2018

Gregory Gaudet / Grant Peuramaki moved to adopt the minutes of May 3, 2018 as circulated; CARRIED

2. Matters for Decision

There were no matters for decision presented.

3. Review Matters Arising/Action List

Date	Action	Responsible	Status/Update
Nov 24, 2016	Provide updates about ASME task group looking at allocating risk during the design stage	Roux	Ongoing, during working group discussions
Sept 7, 2017	Provide updates from AIPE about potential continuing education for Power Engineers UPDATE: A brief update was provided on some of the work being done on this and the types of continuing education workshops already available	Hau	Ongoing discussions nationally
Sept 7, 2017	Both PESR working groups to begin discussions re. the implications of the proposed change for lowering allowable stress values for Gr. 91 materials to identify concerns and recommendations to address the concerns.	Wolff / Ghobrial	In progress
Feb 1, 2018	It was requested that two members from the Design Working Group be added to the In-Service Task Group.	Ghobrial	Completed, removed from action list
Oct 12, 2017	Determine Status of Thermal Liquid Heating Systems in Pressure Equipment Exemption Order	Hantelmann, Yard	In progress
Feb 1, 2018	Continue to monitor low-carbon steel project.	Srnic	In progress
Mar 29, 2018	AWOC feedback will be added to the Portal.	Council Administration	Completed, removed from action list
May 3, 2018	Power Engineers WG to discuss acceptable qualifying time in reduced supervision plants in more detail and bring forward a recommendation to the sub-council.	Miller	Completed, removed from action list
May 3, 2018	Working Group minutes and recommended revisions to IB 17-011 be included in the portal for	Srnic/ Council Administration	Completed, removed from action list

Date	Action	Responsible	Status/Update
	consideration of the sub-council supporting the recommended changes at the June 2018 meeting.		
May 3, 2018	The Chair will work with the Vice Chairs and Council staff to plan the Strategic Planning Session for October 2018. UPDATE: An update was provided of the discussions planned for the Strategic Planning Session, which is scheduled for October 24, 2018.	Roux/ Council Administration	In progress

4. Matters for Discussion

4.1. Alberta Welder Optimization Committee (AWOC) Presentation – Town Hall & Industry Study Outcomes and Next Steps

Matt Yarmuch, Chair of AWOC, was introduced and provided a presentation and answered questions about AWOC's recent stakeholder engagement and their desire to participate in collaborative discussions with the Council and AMA regarding the next steps for pressure equipment industry studies and welding regulations.

It was requested that AMA provide a flow chart of all related regulations and documents for discussion at a future meeting. [Hantelmann / Yard]

4.2. ABSA/Administrator Report

The Administrator reported the following:

Accidents, Fires and Unsafe Conditions

Date Reported	Injuries	Fatalities	Description	Loss of Containment
2018-06-12	0	0	Through wall corrosion of vent piping on a thermal liquid tank allowed thermal liquid to leak.	Yes
2018-06-07	1	0	The safety valves on a compressor package were removed for servicing. A process upset occurred, introducing natural gas into the piping system which leaked from the openings, resulting in a fire. An operator was burned.	Yes
2018-05-29	1	0	During the shutdown of a boiler feedwater pump, a hose was used to drain the system. As the drain valve was opened and flow started, the hose whipped due to the discharge reaction and the operator was sprayed by hot water and burned.	Yes
2018-05-08	0	0	During start-up of a power boiler, the steam drum manway gasket failed, releasing steam.	Yes
2018-05-03	0	0	Heating boiler furnace explosion resulted in damage to the boiler casing.	No
2018-04-30	0	0	Excessive heat input from an electric heater caused the shell of a pressure vessel to fail, releasing process fluid. The fluid ignited, causing a fire.	Yes

Information Bulletins Issued / Revised

Interpretation	2018-06-27	IB18-012	Registration of Pressure Equipment Alteration Design Based on Fitness for Service Assessment
Interpretation	2018-06-13	IB18-011	Power Engineering Courses Satisfactory to the Administrator < http://www.absa.ca/wp-content/uploads/2018/06/IB18-011-Interpretation-PE-Courses-Satisfactory-to-Administrator.pdf >
Interpretation	2018-05-23	IB18-010	Bolted Replacement Parts for Heat Exchangers < http://www.absa.ca/wp-content/uploads/2018/05/IB18-010_Bolted_Replacement_Parts_for_Heat_Exchangers.pdf >
Notification	2018-05-23	IB18-009	Use of Welding Method 6 < http://www.absa.ca/wp-content/uploads/2018/05/IB18-009_Use_of_Welding_Method6.pdf >
Interpretation	2018-05-15	IB18-008	Quality Plan for Design Submissions< http://www.absa.ca/wp-content/uploads/2018/05/IB18-008_Quality_Plan_for_Design_Submissions.pdf >

AB-500 Documents Issued / Revised

- AB-535 Requirements for Alteration Design Registration Based on Fitness-for-Service
- AB-530 - Quality Plan Requirements for an Alberta Certificate of Authorization Permit Holder Pressure Vessel Design Submission
- AB-531 - Quality Plan Requirements for an Alberta Owner-User Pressure Piping Design Submission

CSA Code Activities

The 70th Technical Committee meeting was held on May 22nd, May 25th, 2018, and June 6th, 2018. The Committee has been working on changes for the 19th edition of CSA B51, and their focus is on resolution of ballot negative votes and comments.

Draft editions of B51 and B52 are available for public review and comment. Public review for B52 ends 14 August 2018, for B51 end date is 19 August 2018.

Go to - <https://publicreview.csa.ca><<https://publicreview.csa.ca/>>, look for “Mechanical and Industrial Equipment” or try this link <https://publicreview.csa.ca/Home/Category/009>

ASME Code Committee Activities

ASME Codes and Standards

The National Board General Meeting and the ASME Boiler Code Week held concurrently in Dallas, Texas, May 7th to 11th, 2018. Items of note covered at the ASME meetings include:

1. Section VIII Pressure Vessels

- The revision of U-2(g) is almost complete, with the last two items in the final stage of approval. The revisions to Section VIII, Division 1 will better define an acceptable approach when the Code does not provide applicable rules.

- The Alberta Pressure Vessel Manufacturer's Association (APVMA) sent a request to ASME for a Code Case requesting additional time for compliance with UG-84(h)(5) – impact testing requirements for multiple process welding procedures. The proposal was reviewed by the Code committee in May and sent to letter ballot.

2. Section XIII Rules for Overpressure Protection

- The preliminary draft of this new code book was reviewed by various ASME Code committees before the May meetings. The committee is currently working on addressing ballot negatives and comments. Publication is scheduled for 2019.

4.3. AMA Report

The Technical Advisor reported the following:

- Will begin working on the Pressure Welders Regulation
- Work continues on the Thermal Liquid Heating Systems Exemption

4.4. Council Updates

It was reported that the following Council training sessions are planned for the Fall:

- October 17, 2018 – Effective Meetings training
- October 18, 2018 – Appeals training

An information package is available in the portal to assist members in the transition to holding sub-council meetings at the Council office starting in the Fall. Meeting times will remain at 9:00 a.m. but this can be changed in the future if needed.

4.4.1. Conference 2018 Feedback

It was reported that a survey was sent out for feedback and members were encouraged to provide any additional direct feedback. Any suggestions for breakout sessions or speakers for the conference are greatly appreciated.

A round table was held, and additional feedback was provided by sub-council members.

4.5. Working Group Reports

4.5.1. Pressure Welder Working Group

The Pressure Welder Working Group met from 10:00 a.m. to 11:00 a.m. as part of the special meeting. The following was reported:

- Had excellent discussion with AWOC and ideas were exchanged regarding the presentation provided earlier
- Tack Welder and Welder Examiner discussions held
- A new Chairperson will need to be appointed as Izak Roux will be stepping down
- The three-column document is being started and will be available in September to begin working on it

4.5.2. Power Engineers Working Group

The Power Engineers Working Group met from 10:00 a.m. to 11:00 a.m. as part of the special meeting. It was reported the following:

- BOMA Fifth Class wasn't discussed as the representative was not in attendance
- An overview was provided of the recommendations given to the Administrator on revisions to AB-528 *Requirements for Reduced. Supervision of Power Plants, Thermal Liquid Heating Systems, and Heating Plants* regarding remote monitoring and credit for qualifying experience. The revised document will be presented at the September meeting for endorsement.
- The Terms of Reference was reviewed, and the following recommended changes were presented:
 - Boilers and Pressure Vessels changed to Pressure Equipment
 - Under Mandate – added “receive and review all concerns brought forward by the stakeholders with respect to the Power Engineers Regulations”
 - Corrections to working group members

Grant Peuramaki / Ward Wagner moved to accept the recommended changes to the Terms of Reference for the Power Engineers Working Group, as presented; CARRIED

4.5.3. PESR Codes and Standards, Design Survey/Registration and New Construction Working Group

The PESR Codes and Standards Working Group met from 11:00 a.m. to 12:00 p.m. as part of the special meeting. An overview was provided on the work being done relative to codes including:

- Need to update IB17-011 when the new code becomes in force
- Meeting again on July 9, 2018 to continue to review the P91 Working Group
- Other topics being discussed include 105 Materials, Flanges (CSA-Z245), CSA-B51 and CSA-B52 public consultation and ASME's recognition of professional engineers from outside of North America to stamp designs

4.5.3.1. Elect New Working Group Chair

Gregory Gaudet was appointed as the new Chair of the PESR Codes and Standard, Design Survey/Registration and New Inspection Working Group.

4.5.4. PESR In-Service Inspections Working Group

The PESR In-Service Inspections Working Group met from 11:00 a.m. to 12:00 p.m. as part of the special meeting. The following was reported:

- Reviewing the P91 Working Document
- Discussed IB10-004 regarding Rubber Hose Assemblies and no revisions will be made until changes are made in CSA-B51
- Discussion held regarding Engineered Pressure Enclosures

5. Meeting Finalization

5.1. Meeting and Agenda Feedback

An overview of new action items was provided.

5.2. Next Meeting

The next meeting was reconfirmed for Thursday, September 6, 2018, 2018 at the Council Office in Edmonton at 9:00 a.m.

5.3. Meeting Adjournment

Geoff Kutz / Todd Loran moved that the meeting be adjourned; CARRIED

The meeting was adjourned at 3:10 p.m.

--- NEW ACTION ITEMS ---

4.1. Alberta Welder Optimization Committee (AWOC) Presentation – Town Hall & Industry Study Outcomes and Next Steps

It was requested that AMA provide a flow chart of all related regulations and documents for discussion at a future meeting. [Hantelmann / Yard]

--- MOTIONS ---

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1.2. Adoption of May 3, 2018

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4.5.2. Power Engineers Working Group

Grant Peuramaki / Ward Wagner moved to accept the recommended changes to the Terms of Reference, as presented; CARRIED

5.3. Meeting Adjournment

Geoff Kutz / Todd Loran moved that the meeting be adjourned; CARRIED