



**MINUTES OF THE  
SIXTH PRESSURE EQUIPMENT SUB-COUNCIL MEETING OF 2018,  
WITH SPECIAL MEETING**

**DATE:** October 25, 2018

**TIME:** 9:00 a.m. to 2:17 p.m.

**LOCATION:** Safety Codes Council Office, Edmonton

**PRESENT:** **Sub-Council Members**

Izak Roux, Chair  
Mike Clancy  
Henry Hau  
Gregory Gaudet  
Dr. Magdi Ghobrial  
Marvin Kossowan  
Billy Lee  
Todd Loran  
Tony McWhannel  
Nyssa Moore  
Grant Peuramaki  
Jacques St-Onge  
John Wolff

**Alberta Boilers Safety Association (ABSA)**

Mike Poehlmann, Administrator; Robin Antoniuk; Jason Reinhart; John Siggers,

**Alberta Municipal Affairs**

Allan Hantelmann, Bohdan Yard (afternoon only)

**Safety Codes Council**

Susan Rossmann, Gerry Baron

**Guests**

Richard Walmsley, Josh Brewster

**REGRETS:** David Miller, Vice Chair; Geoff Kutz, Vice Chair; Ward Wagner

**RECORDER:** Sandi Orr

**2018 MEETINGS:** Dec 6

## 1. Meeting Opening

The Chair called the meeting to order at 9:00 a.m. A safety moment and round table introduction were held. An overview was provided of today's agenda for the working group sessions in the morning.

### 1.1. Agenda Adoption

**Mike Clancy / John Wolff moved that the agenda be adopted as circulated; CARRIED**

### 1.2. Adoption of September 6, 2018

**Gregory Gaudet / Grant Peuramaki moved to adopt the minutes of September 6, 2018 as circulated; CARRIED**

## 2. Matters for Decision

### 2.1. Re-nomination of Billy Lee for a term ending January 31, 2022

Billy Lee and all guests left the meeting during this discussion.

The letter of re-nomination was included in the portal and reviewed.

**Marvin Kossowan / Dr. Magdi Ghobrial moved to recommend to the Board the reappointment of Billy Lee to the Pressure Equipment Sub-Council, representing the Pressure Piping industry segment for a term until January 31, 2022, effective February 1, 2019; CARRIED**

### 2.2 Re-nomination of David Miller for a term ending January 31, 2022

The letter of re-nomination was included in the portal and reviewed.

**Mike Clancy / Henry Hau moved to recommend to the Board the reappointment of David Miller to the Pressure Equipment Sub-Council, representing the Petrochemical industry segment for a term until January 31, 2022, effective February 1, 2019; CARRIED**

Billy Lee and all guests were called back in to the meeting after this discussion.

## 3. Review Matters Arising/Action List

	Item	Action	Meeting Date	Responsible	Status/Update
1.	ASME Task Group Update	Provide updates about ASME task group looking at allocating risk during the design stage.	Nov 24/16 <b>3.8.</b>	Roux	Still ongoing
2.	Power Engineers Continuing Education	Provide updates from AIPE about potential continuing education for Power Engineers.	Sep 7/17 <b>2.1.</b>	Hau	Work in progress

3.	Stress Values for Gr. 91 Materials	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.	Sep 7/17 <b>3.2.</b>	Wolff / Ghobrial	In progress
4.	Thermal Liquid Heating Systems	Provide an update on the status of Thermal Liquid Heating Systems in the Pressure Equipment Exemption Order. <b>UPDATE:</b> Could be issue in Gas Discipline so still under review	Oct 12/17 <b>3.</b>	Hantelmann / Yard	Still under review
5.	Low Carbon Steel	Continue to monitor the low-carbon steel project.	Feb 1/18 <b>3.</b>	Srnic	Ongoing
6.	Regulation/ Document Chart (from AWOOC Presentation: Outcomes & Next Steps)	It was requested that AMA provide a flow chart of all related regulations and documents for discussion at a future meeting. <b>UPDATE:</b> A Guide to the Policy Process flow chart was shown on screen and a presentation and clarification was provided on the process.	Jun 28/18 <b>4.1.</b>	Yard / Hantelmann	Completed, remove from action list
7.	BC Fernie Arena Incident	AMA was asked to bring forward further information on how this is managed from an OH&S perspective.	Sep 6/18 <b>4.1.</b>	Hantelmann	In progress, reported under AMA report
		ABSA was asked to bring forward further information on how refrigeration plants are regulated in Alberta and who can operate these types of plants in comparison to other jurisdictions.	Sep 6/18 <b>4.1.</b>	Poehlmann	In progress, reported under Administrator's report

Feedback loop and other minor modifications will be added to the policy process flowchart and sent back to the Council to post in portal. [Yard / Baron / Rossmann]

#### 4. Matters for Discussion

##### 4.1. ABSA/Administrator Report

##### Accidents, Fires and Unsafe Conditions

Date Reported	Injuries	Fatalities	Description	Loss of Containment
2018-10-15	0	0	A compression fitting failed in a pressure piping (tubing) system.	Yes
2018-10-04	0	0	A pressure vessel containing pyrophoric material was being prepared for inspection. When exposed to the atmosphere the pyrophoric material ignited causing a fire.	No
2018-10-03	0	0	Failure of a bi-metallic weld in a reformer furnace resulted in leakage of combustible hydrocarbon gas. There was no fire or explosion.	Yes
2018-09-20	0	0	A fuel gas supply hose failed in a compressor skid, resulting in a fire.	Yes

A brief overview was provided on the awareness program being developed regarding ammonia and refrigeration with cards that will be handed out at an upcoming Municipal Conference and will be mailed to known owners of ammonia refrigeration plants. A further update will be provided at the December meeting.

#### **Information Bulletins Issued / Revised**

None issued since last PESC meeting

#### **AB-500 Documents Issued / Revised**

None issued since last PESC meeting

#### **ASME Code Committee Activities**

The next ASME code week will be in Atlanta, Georgia, November 11-16, 2018. This is the last meeting to discuss and potentially accept changes for the 2019 edition. Many items have been completed, but some items have issues that are still being resolved.

#### **4.2. AMA Report**

The Technical Advisor reported on some of the activities he's been involved with recently:

- Power engineer certification challenges across different jurisdictions
- Working with AWOC on Pressure Welder Regulations

A three-column document was circulated regarding the General Application on Alberta OH&S Guidebook, what went wrong at Fernie and who is responsible. It was reported that the Advisor has reviewed the guidebook and picked out what he believed to be the most relevant. Members were reminded that Alberta does not regulate refrigeration in the same manner that other provinces do.

During an in-depth discussion regarding the document, the following was noted:

- Change to a 4-column document with the following headings
  - OHS Requirements
  - What went wrong in Fernie
  - Who in Alberta would be Responsible
  - Learnings, Preventative/Corrective Action
- There was general consensus that the major initiative should be to ensure management making financial decisions about these plants are aware and understand the safety risks inherent with ammonia refrigeration plant operation , and that the PESC should understand the regulatory framework that can provide assurance the people responsible for operating these plants are aware of the risks and how to effectively manage them.
- An entry level refrigeration operation certification program could be offered on a voluntary basis

- Clarification was provided that this document is an internal exercise to ensure that the PESC has done their due diligence and identify any gaps and how those gaps could be addressed
- Issuance of the Information Bulletin No. IB18-016 July 26, 2018, with a link to the Fernie Investigation Report is one way to increase awareness.
- The Fernie report included a lot of good information and recommendations.

The Technical Advisor and Administrator will work on the four-column document for further discussion at the next meeting. [Hantelmann / Poehlmann]

### **4.3. TCC Report**

The Manager of Stakeholder Relations reported the following from the TCC meeting held earlier this week:

- Discussion regarding the Fernie incident, copies of correspondence, the report and a safety video are included in the TCC October 2018 meeting folder on the portal
- RMA and AUMA representatives were asked to create further awareness at the municipal level
- The refrigeration industry is working with the Council to present to the building and pressure equipment sub-councils
- Certification and Permit Regulation was presented to extend the expiry date
- the Gas Sub-Council has submitted a docket to change to CSA that would state that a furnace used for construction cannot be used to heat the building after construction
- Building envelope challenges are being discussed across disciplines
- The Chair of the Board was reached his maximum number of terms and a new Chair is being recruited
- A successful meeting was held with APEGA, AAA, AMA and the Council regarding how professionals and SCOs could work better together

A copy of the Fernie Safety Video and correspondence will be included in the PESC Meeting Folder. [Council Administration]

### **4.4. Council Updates**

The Manager of Stakeholder Relations reported the following:

- Council Connect launched on Monday
- An Open House will be held on December 5, 2018

### **4.8. Working Group Reports**

#### **4.8.1. 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:

- An update was provided by ABSA on testing and tickets that have recently been issued
- New B Pressure syllabus coming out soon

- AWOC has developed a presentation about the Pressure Welder Regulation

The AWOC presentation will be added to the portal for further discussion at tomorrow's planning meeting. [All / Council Administration]

#### **4.8.2. 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. The Working Group reviewed AB-528 - Requirements for Reduced Supervision of Power Plants, Thermal Liquid Heating Systems, and Heating Plants and suggestions were provided to ABSA for minor revisions. Further input is still be sought from stakeholders before the document will be published.

#### **4.8.3. PESR Codes and Standard, Design Survey/Registration and New Inspection Working Group**

The PESR Codes and Standard Working Group met from 11:00 a.m. to 12:00 p.m. as part of the special meeting. The following was reported:

- A new working group chair was appointed at the last sub-council meeting. Terms of Reference were reviewed to gain a better understanding of the mandate of the working group
- The top priority is reviewing changes to the ASME Code and additional meetings outside of the special meetings will be needed
- Other items included the implications of the proposed change for lowering allowable stress values for Gr. 91 materials and potentially review AB-500 documents

#### **4.8.4. 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 implications of the proposed change for lowering allowable stress values for Gr. 91 materials continues to be worked and a meeting is scheduled to discuss this further on November 5, 2018.

An issue was brought forward, and discussion was held regarding power engineer labour mobility and how that could have safety implications.

**John Wolff / Grant Peuramaki moved that the Pressure Equipment Sub-Council supports the Power Engineers Working Group to investigate the potential concerns arising from issuing Power Engineer certificates of competencies to individuals that are not initially certified to the Alberta (SOPEEC) Standard; CARRIED**

## **5. Meeting Finalization**

### **5.1. Meeting and Agenda Feedback**

An overview of new action items was provided.

## **5.2. Next Meeting**

It was noted that the Planning Session was scheduled for the following day to start at 8:30 a.m. The agenda was circulated, and an overview was provided on the work to be done during the planning meeting.

The next sub-council meeting was reconfirmed for Thursday, December 6, 2018 at 9:00 a.m. at the Council office.

## **5.3. Meeting Adjournment**

**Mike Clancy / Grant Peuramaki moved that the meeting be adjourned; CARRIED**

The meeting was adjourned at 2:17 p.m.

--- NEW ACTION ITEMS ---

**3. Review Matters Arising/Action List**

Feedback loop and other minor modifications will be added to the policy process flowchart and sent back to the Council to post in portal. [Yard / Baron / Rossmann]

**4.2. AMA Report**

The Technical Advisor and ABSA staff will work on the four-column document for further discussion at the next meeting. [Hantelmann / Poehlmann]

**4.3. TCC Report**

A copy of the Fernie Safety Video and correspondence will be included in the PESC Meeting Folder. [Council Administration]

**4.8.1. Pressure Welder Working Group**

The AWOC presentation will be added to the portal for further discussion at tomorrow's planning meeting. [All / Council Administration]



--- MOTIONS ---

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