



**MINUTES OF THE  
SIXTH PRESSURE EQUIPMENT SUB-COUNCIL MEETING OF 2017**

**DATE:** October 12, 2017

**TIME:** 9:00 a.m. to 10:50 a.m.

**LOCATION:** Radisson Hotel, Edmonton

**PRESENT:** **Sub-Council Members**  
Izak Roux, Chair  
Dr. Magdi Ghobrial  
Henry Hau  
Billy Lee  
Todd Loran  
Grant Peuramaki  
Jacques St-Onge  
Ward Wagner  
John Wolff

**Alberta Boilers & Safety Association**  
Djordje Srnica

**Alberta Municipal Affairs**  
Bohdan Yard

**Safety Codes Council**  
John Ziarko, Allison Karch

**REGRETS:** Mike Clancy  
Brian Grantham  
Marvin Kossowan  
Geoff Kutz, Vice Chair  
David Miller, Vice Chair  
Mike Poehlmann, Administrator  
Allan Hantelmann, Technical Advisor

**RECORDER:** Sandi Orr

**2017 MEETINGS:** Dec 7

**2018 MEETINGS:** Feb 1, Mar 29, May 3, Jun 28, Sep 6, Oct 25, Dec 6

## **1. Meeting Opening**

The Chair called the meeting to order at 9:00 a.m. and a round table introduction was held. The Chair reported that he would have to be excuse himself at 11:00 a.m. due to another meeting. In the absence of the two Vice Chairs, John Wolff volunteered to chair the remainder of the meeting if the meeting extended later than 11:00 a.m.

### **1.1. Agenda Adoption**

**Henry Hau / Dr. Magdi Ghobrial moved that the agenda be adopted as circulated; CARRIED**

### **1.2. Previous Minutes**

#### **1.2.1. Adoption of September 7, 2017 Minutes**

**John Wolff / Henry Hau moved to adopt the minutes of September 7, 2017 as circulated; CARRIED**

## **2. Matters for Discussion**

### **2.1. Power Engineers Regulation Recommended Changes**

John Wolff reported that the Working Group has not met since the last Special Meeting.

Bohdan Yard reported that the Working Group Chair forwarded to AMA the most up to date revision of the group's three-column document and what proposed changes should be outside of the regulation. It is hope that the revised three-column document would be available for review at the next meeting.

### **2.2. Working Group Reports**

#### **2.2.1. Pressure Welder Working Group**

There has been no Working Group meeting since the PESC Special Meeting.

#### **2.2.2. PESR – Codes and Standards, Design Survey/Registration and New Inspection Working Group**

There has been no Working Group meeting since the PESC Special Meeting. A brief update was provided regarding the recent code training.

#### **2.2.3. Power Engineers Working Group**

There has been no Working Group meeting since the PESC Special Meeting.

## 2.2.4. PSER – In-Service Inspections Working Group

John Wolff reported the following on behalf of the Working Group Chair:

- ABSA provided a presentation at the Power Engineering Conference on Unsafe Conditions versus Accidents and what and when to report. It is still believed there is a lack of clarity within industry and perhaps there is an opportunity to provide categories or examples.
- Fitness for Service Task Group has not met due to numerous requests to postpone the meeting due to shutdowns

## 2.3. ABSA/Administrator Report

### Incidents

Three incidents were reported since the last PESC meeting:

Date Reported	Injuries	Fatalities	Description	Loss of Containment
2017-09-22	0	0	A tube leak resulted in a smelt water reaction in a recovery boiler furnace.	Yes
2017-08-28	0	0	A gas leak in small bore piping resulted in a fire at a compressor station.	Yes
201708-15	0	0	Freeze damage was discovered during seasonal maintenance of out-of-service pressure piping.	Yes

### Information Bulletins Issued / Revised

IB17-018 Reference Syllabi for Power Engineer Examinations (PER)

IB17-019 Lessons Learned CSB Report 2016 Refinery Fire

IB17-020 Boiler Rating (PER)

### AB-500 Documents Issued / Revised

No new or revised AB-500 series document issued since the last PESC meeting.

### ASME Code Committee Activities

Some interesting items that are the result of the ASME Code Committees work are:

- Proposal for lowering allowable stress values for Gr. 91 materials (up to 19 %) passed the letter ballot with one negative. The proposal will affect material specifications SA-335, 213, 182, 234, 336, 369, and 387.
- In addition to the Section IV proposal (that was previously reported) to remove the minimum thickness requirements throughout the code, Section IV is proposing more code cases that are removing the minimum thickness requirements.
- Still working on the Code Case that would allow organizations to build Section VIII, Div. 2 class 1 vessels until the organizations next ASME joint review.
- Development of Section XIII (Overpressure Protection) continues. Substantial progress was made on developing the initial draft of the Section XIII book. The September Section XIII meeting was cancelled because of hurricane. The plan has not been changed and it is anticipated the first edition of Section XIII will be published in 2019.
- Scope of Section VIII, Division 1 will be revised in 2019 edition. Item passed letter ballots.

- Revisions to U-2(g) to direct the Section VIII, Division 1 User to Section VIII, Division 2 via new Mandatory Appendix 46.

#### CSA B51 Technical Committee

- New edition 2019
- New letter ballots are planned to be opened as a follow up to the CSA B51 meeting on Aug. 23, 2017

It was questioned if ABSA is seeing more incidents or more reporting of incidents, compared with the previous year. No statistics were available at today's meeting but this will be compiled and brought forward at the next meeting. [Srnica]

It was emphasized that heightening awareness of the key learnings is the most important factor of incident reporting.

As identified in the Action List from the last meeting, both PESR – Codes and Standards, Design Survey/Registration and New Inspection and the PESR – In-Service Inspections working groups were asked to be proactive. It was further suggested that members from each working group form a joint task group to discuss this matter further. [Ghobrial / Miller]

#### **2.4. Review Proposed 2018 Meeting Schedule**

The following meeting schedule for 2018 was established:

- Thursday, February 1 – 9:00 a.m. in Edmonton
- Thursday, March 29 – 9:00 a.m. in Edmonton
- Thursday, May 3 – 9:00 a.m. in Edmonton
- Thursday, June 28 – 9:00 a.m. in Edmonton
- Thursday, September 6 – 9:00 a.m. in Edmonton
- Thursday, October 25 – 9:00 a.m. in Edmonton
- Thursday, December 6 – 9:00 a.m. in Edmonton

It was clarified that prior to the meeting agendas being circulated, special meetings will be identified.

#### **2.5. Meeting Attendance**

As discussed at the previous meeting, absences are being addressed. Members were reminded of the need to attend meetings as everyone has a role to play representing their different industry sectors. This will continue to be monitored.

This led to a discussion regarding vacancies and it was reported that:

- The Association of Accredited Corporations of Alberta will be meeting in October 2017 and a nominee should be forthcoming for the Heavy Oil Sands industry segment
- The public member at large is a Ministerial Appointment and outside of the Council's authority

### 3. Review Matters Arising/Action List

Date	Action	Responsible	Status/Update
Nov 24, 2016	Further discussion about ASME task group looking at allocating risk during the design stage <b>UPDATE:</b> Met in August and another meeting in two weeks	Roux	In progress
Jan 12, 2017	Follow up on review of Policy 4.20 Certification Levels – Pressure Equipment based on recent appeal (policy references certification that no longer exists) <b>UPDATE:</b> Dealing with backlog due to vacancy, Izak Roux / Todd Loran will work with Manager of Policy and Legislative and the Administrator of Certification on revisions	Ziarko, Paradis, Roux, Loran	In progress
May 4, 2017	P.Eng., P.L.(Eng.) and P.Tech. <b>UPDATE:</b> Has advanced to a much higher level and likely no action for PESC	Hantelmann	Awaiting further information from meeting scheduled in November 2017
June 22, 2017	Draft document to the Integrity In-Service Inspection Group for further feedback (Reporting Incidents/Accidents) <b>UPDATE:</b> Making progress on the document and John Wolff will follow up with ABSA	Kutz, Antoniuk, Loran, Wolff	In progress
Sept 7, 2017	Take information about continuing education for Power Engineers to the Alberta Institute of Power Engineers for further discussion. <b>UPDATE:</b> A brief update was provided regarding the research conducted by Henry Hau. Although most believe it is a good idea, more consultation is needed.	Hau	In progress, more consultation required
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. <b>UPDATE:</b> Working Group Chairs to consider a joint task group to begin discussions	Ghobrial, Wolff	In progress
Sept 7, 2017	Schedule 2018 meetings	Council Administration	Completed, remove from action list
Oct 12, 2017	Determine Status of Thermal Liquid Heating Systems in Pressure Equipment Exemption Order	Hantelmann, Yard	

REGULATION	EXPIRY DATE	CURRENT STATUS
Pressure Equipment Exemption Order	August 1, 2019	Working Groups to be mindful of deadlines to move proposed changes forward
Pressure Welders Regulation	May 31, 2020	Working Group to be mindful of deadlines to move proposed changes forward

#### **4. Meeting Finalization**

##### **4.1. Meeting and Agenda Feedback**

There was nothing further to bring forward.

##### **4.2. Next Meeting**

The next meeting was reconfirmed for Thursday, December 7, 2017 at 9:00 a.m. in Edmonton.

###### **4.2.1. 2018 AGM**

The 2018 AGM and conference will be held from May 30 – June 1 at the Rimrock Hotel in Banff.

##### **4.3. Meeting Adjournment**

**John Wolff / Jacques St-Onge moved that the meeting be adjourned; CARRIED**

The meeting was adjourned at 10:50 a.m.

--- NEW ACTION ITEMS ---

**2.3. ABSA/Administrator Report**

It was questioned if ABSA is seeing more incidents or more reporting of incidents, compared with the previous year. No statistics were available at today's meeting but this will be compiled and brought forward at the next meeting. [Srnice]

As identified in the Action List from the last meeting, both PESR – Codes and Standards, Design Survey/Registration and New Inspection and the PSER – In-Service Inspections working groups were asked to be proactive. It was further suggested that members from each working group form a joint task group to discuss this matter further. [Ghobrial / Miller]

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

Date	Action	Responsible	Status/Update
Oct 12, 2017	Determine Status of Thermal Liquid Heating Systems in Pressure Equipment Exemption Order	Hantelmann, Yard	

--- MOTIONS ---

**1.1. Agenda Adoption**

**Henry Hau / Dr. Magdi Ghobrial moved that the agenda be adopted as circulated; CARRIED**

**1.2. Previous Minutes**

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**4.3. Meeting Adjournment**

**John Wolff / Jacques St-Onge moved that the meeting be adjourned; CARRIED**