



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

**DATE:** June 22, 2017

**TIME:** 9:00 a.m. to 12:15 p.m.

**LOCATION:** Radisson Hotel, Edmonton

**PRESENT:** **Sub-Council Members**  
Izak Roux, Chair  
Mike Clancy  
Dr. Magdi Ghobrial  
Brian Grantham  
Marvin Kossowan  
Geoff Kutz, Vice Chair  
Billy Lee  
David Miller, Vice Chair  
Jacques St-Onge  
John Wolff

**Alberta Boilers & Safety Association**  
Djordje Srnica, Robin Antoniuk

**Alberta Municipal Affairs**  
Harry Li

**Safety Codes Council**  
Susan Rossmann

**GUEST:** Mat Stepan, ASET

**REGRETS:** Henry Hau  
Todd Loran  
Grant Peuramaki  
Ward Wagner

**RECORDER:** Sandi Orr

**2017 MEETINGS:** Sep 7 (Special), Oct 12, Dec 7

## **1. Meeting Opening**

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

Safety Moment: With the weather conditions and wind storms, it was suggested to look around your home and yard for loose objects that should be tied down (e.g. umbrellas, chairs, etc.)

### **1.1. Agenda Adoption**

The Chair reported that most working groups have met since the last PESC meeting and it was agreed to change this meeting to a regular one. The September 2017 meeting will be changed to a Special Meeting with the working groups meeting in the morning.

**Mike Clancy / David Miller moved that the agenda be adopted as circulated; CARRIED**

### **1.2. Previous Minutes**

#### **1.2.1. Adoption of March 30, 2017 and May 4, 2017 Minutes**

Both sets of minutes were included in the portal for review.

**John Wolff / David Miller moved to adopt the minutes of March 30, 2017 as circulated; CARRIED**

**John Wolff / Brian Grantham moved to adopt the minutes of May 4, 2017 as circulated; CARRIED**

## **2. Matters for Decision**

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

The three-column document titled Parked Items for Next Review of the Power Engineers Regulation 2018 was included in the portal as information. If time allows after today's meeting, the working group will continue their review as well as further work at the September Special Meeting.

### **2.2. Draft Document to the Integrity In-Service Inspection Group for further feedback**

Relative to the Draft Interpretation PESR Section 35 Accident Reporting, Geoff Kutz brought forward feedback from the Integrity In-Service Inspection Group and ARPIA members. A lot of notes have been included on the document that warrants further discussion with ABSA to ensure that all sizes of operations can and will meet the expectations of ABSA relative to accident reporting. Examples were provided of some of the areas that need further discussion, e.g. operator errors that would not be considered an accident and not reported as such, \$500.00 damage value being too low of a threshold for larger operations, different definitions used across operations, areas that need further clarification, etc. It was noted that the guidance document has a great amount of information that could be useful in the development of this document. Many companies have spent a great deal of time putting systems and programs in place and it was suggested they should possibly have more latitude than a company that has no such systems in place. Further discussion was held on how operations with small boilers would be impacted (e.g. dry cleaners, etc.) and it was suggested that further clarity is needed in that regard.

It was noted that some figures were listed in the document as a starting point and further feedback was requested from industry to determine what the suitable thresholds should be.

It was suggested that a small task group, including ABSA and industry representatives, get together to review the document line by line to gain consensus and bring forward a final draft for consideration by the sub-council. [Kutz / Antoniuk]

### **3. Matters for Discussion**

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

Dr. Madgi Ghobial reported that the Working Group met on June 21, 2017 and recommend the following:

1. The adoption of Mandatory Annex N of the B31.1 Code **“Rules for non-metallic piping and piping lined with non-metal”**
2. The adoption of ABSA Information Bulletin IB17 regarding the use of new Part PA **“Alternative Rules for Boiler Construction”** in the design of boilers. The 2017 edition of the code part PA allows the use of Section VIII Div2 in designing parts of Section I boilers. The Bulletin allows the use of Part PA only in accordance with a variance.
3. The adoption of ABSA variance VA17 regarding the use of 2017 Edition of Section VIII Div 2

Regulation Section 6E, adopts B-51 Piping Codes and a sub-section talks about the non-mandatory appendix but now is there no non-mandatory appendix III. The working group recommends to the sub-council to change the PESR with the scope of change being to remove reference to the non-mandatory appendix III and reference mandatory appendix N. Djordje Srnic provided an overview of the rationale for the changes and showed the current PESR on screen.

**Dr. Madgi Ghobial / Billy Lee moved to recommend to the Minister of Municipal Affairs, through the Board, a change to the Pressure Equipment Safety Regulation to reference B31.1 – 2016, remove reference to non-mandatory appendix III and replace it with reference to mandatory appendix N; CARRIED with no opposition**

It was noted that after the adoption of the above recommendation, PESR Clause 6.e.(i) would read *B31.1 – 2016, Power Piping, including Mandatory Appendixes A to G, J, N and Non-mandatory Appendix II.*

The draft Information Bulletin No. IB17-0xx, regarding the Use of 2017 Edition of the ASME Boiler and Pressure Vessel Code – Section I, was reviewed on screen. Djordje Srnic provided an overview of the issues relating to the changes in the code which allows the use of Section VIII Div 2 in designing parts of Section I Boilers and the need to publish an Information Bulletin which would require a variance to use Part PA. It was suggested that further discussion will be needed to determine the impact on inspecting these types of vessels. Concern was expressed regarding vessels that are built outside of Alberta and not aware of the Information Bulletin or when components intended to work together are built by different manufacturers. Examples were provided of where these types of issues are found in the field and dealt with after the fact to bring that vessel into code compliance for use in Alberta. It was suggested that consideration be given to having a checkbox on the design application that would identify the use of Part PA “Alternative Rules for Boiler Construction” which would trigger further review. Examples were provided where this may not solve potential issues.

**Dr. Madgi Ghobial / Geoff Kutz moved to support the Administrator’s issuance of ABSA’s Information Bulletin IB17 regarding the use of the new Part PA “Alternative Rules for Boiler Construction” in the design of boilers, which will allow the use of Part PA only in accordance with a site-specific variance; CARRIED with no opposition**

The draft Variance VA17-0xx, regarding the Use of the 2017 Edition of the ASME Boiler and Pressure Vessel Code Section VII Div 2, was reviewed on screen. Djordje Srnica explained that the Safety Code Act now specifies that published codes are in force one year after the publication date unless a Ministerial Order is issued to specify otherwise. An overview was provided of the proposed changes being recommended by the Working Group after thoroughly reviewing the existing variance. Although additional changes may be needed once the code and code case are published, the working group recommended the issuance of this Variance in advance of the code publication to heighten industry awareness.

It was questioned why bulletin 4 states that “the professional engineer may be required to provide supporting evidence of experience”, rather than “shall.” It was suggested that this might be more relevant to professionals from other jurisdictions and should remain subject to ABSA’s comfort level with that manufacturer or professional.

**Dr. Madgi Ghobial / Marvin Kossowan moved to support the Administrator’s issuance of ABSA’s Variance VA17 regarding the use of the 2017 Edition of Section VIII Div 2, understanding that additional revisions may be required once the code is published; CARRIED with no opposition**

Relative to the request to the Minister to revise the Pressure Equipment Safety Regulation, and understanding that this could take some time to adopt, it was questioned whether an Information Bulletin might be necessary to heighten industry awareness. Djordje Srnica will present this to the Administrator for further discussion at the September 2017 meeting on whether this is necessary. [Srnica / Poehlmann]

A summary of changes in ASME B31.3, 2016 Edition was also included in the portal as information.

### **3.2. Information Bulletin on PESR – Codes and Standards**

This item was discussed during the previous agenda item.

### **3.3. PSER – In-Service Inspections: Low Temperature Failures**

With the publishing of the Information Bulletin, it was questioned whether there was any further updates or action needed regarding Low Temperature Failures. It was reported that this is being addressed by ASME and proposed changes have already been approved for the 2019 edition of the code which will require that the material is normalized after forging and identified as such. Other jurisdictions, such as Europe, have taken a different approach and are requiring impact testing. It was questioned whether these new requirements could be addressed in Alberta sooner than the publishing of the 2019 code. Examples were provided of how industry is currently addressing this in a safe manner and with the existing Information Bulletin in place to heighten awareness, there was no recommendation brought forward to adopt these new ASME requirements earlier than the publishing of the 2019 code.

A few minor revisions to the IB were suggested.

[Srnica / Antoniuk]

### **3.4. ABSA/Administrator Report**

On behalf of the Administrator, Djordje Srnica reported the following:

- There were no incidents or accidents to report since the last meeting
- 5 Information Bulletins have been issued, primarily relative to Power Engineering
- The industry group working on fitness for service has had two meetings recently that will eventually for an Information Bulletin

- ASME Code Week – May 8-12 was held in Alaska together with the National Board Annual Meeting
  - Dr. Ken Lau has officially retired from active code committee work
  - Committee on Materials and Joint Task Group have completed their review and research, are proposing lowering allowable stresses and a letter ballot has been issued
  - It was noted that this joint task group has also been discussing other groups of materials and whether lowering allowable stresses is appropriate
  - Discussion is being held to remove the minimum thicken requirements in Section 4
  - An update was provided regarding material SA 105
  - Section 13 – it is still the goal of completion by 2019
- May 29-30 Chief Inspection Meeting in Winnipeg
  - An update was provided on the numbering system (AA, AB, AC, etc.) agreed upon by the Association of Chief Inspectors
  - Looking at harmonizing the review of standard fittings
  - Some provinces are harmonizing inspection protocols for steam traction engines
- May 31-June 1 – B51 Meeting in Winnipeg
  - Alberta’s templates will be used for forms for B51 which are more like ASME forms
  - New type of CLNs due to increase use of alternative rules

### 3.5 Working Group

There was nothing further to report.

## 4. Review Matters Arising/Action List

Date	Action	Responsible	Status/Update
May 4, 2017	P.Eng., P.L.(Eng.) and P.Tech.	Hantelmann	Update at Sept 2017 Meeting
Jan 12, 2017	Following Up on review of Policy 4.20 Certification Levels – Pressure Equipment based on recent appeal policy references certification that no longer exists	Ziarco	Conducting assessment of all council policies and prioritizing reviews
Nov 24, 2016	Further discussion about ASME task group looking at allocating risk during the design stage	Roux	Being discussed, progressing slowly

Geoff Kutz reported that he did take industry concerns regarding Gas Code Requirements for Large Industrial Fired Heaters to the Gas Sub-Council at their May 2017 meeting. The Gas Administrator will be answering the questions/concerns to provide clarity for industry.

Today’s new action items were reviewed.

## 5. Meeting Finalization

### 5.1. Meeting and Agenda Feedback

No additional feedback was provided.

## **5.2. 2017 Meetings**

The following meeting dates were reconfirmed:

- Thursday, September 7 (Special Meeting)
- Thursday, October 12
- Thursday, December 7

## **5.3. Meeting Adjournment**

**David Miller / Mike Clancy moved that meeting be adjourned; CARRIED**

The meeting was adjourned at 12:15 p.m.

--- NEW ACTION ITEMS ---

**2.2. Draft Document to the Integrity In-Service Inspection Group for further feedback**

It was suggested that a small task group, including ABSA and industry representatives, get together to review the document line by line to gain consensus and bring forward a final draft for consideration by the sub-council. [Kutz / Antoniuk]

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

Relative to the request to the Minister to revise the Pressure Equipment Safety Regulation, and understanding that this could take some time to adopt, it was questioned whether an Information Bulletin might be necessary to heighten industry awareness. Djordje Sronic will present this to the Administrator for further discussion at the September 2017 meeting on whether this is necessary. [Sronic / Poehlmann]

**3.3. PSER – In-Service Inspections: Low Temperature Failures**

A few minor revisions to the IB were suggested. [Sronic / Antoniuk]

<b>REGULATION</b>	<b>EXPIRY DATE</b>	<b>CURRENT STATUS</b>
Pressure Equipment Exemption Order*	August 1, 2019	Current TLHS is progress
Pressure Welders Regulation	May 31, 2020	Working Group is reviewing the Regulation to provide recommendations and AWOC will be providing suggestions as well

--- MOTIONS ---

**1.1. Agenda Adoption**

**Mike Clancy / David Miller moved that the agenda be adopted as circulated; CARRIED**

**1.2.1. Adoption of March 30, 2017 and May 4, 2017 Minutes**

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**5.3. Meeting Adjournment**

**David Miller / Mike Clancy moved that meeting be adjourned; CARRIED**