



## MINUTES OF THE SECOND PRESSURE EQUIPMENT SUB-COUNCIL MEETING OF 2021

**DATE:** March 4, 2021

**TIME:** 9:00 a.m. to 10:15 a.m.

**LOCATION:** Videoconference

**PRESENT:** *Sub-Council Members*  
Henry Hau, Chair  
Nate Bartley  
Bert Boulet  
Neil MacKay  
Greg Gaudet  
Dr. Magdi Ghobrial  
Robert James  
Geoff Kutz  
Billy Lee, Vice Chair  
Tony McWhannel  
David Miller, Vice Chair  
Nyssa Moore  
Jacques St-Onge  
Diederick Godin  
Jim Rice

*Safety Codes Council*  
Kathryn Derkach, Jennifer Johnson

*Alberta Municipal Affairs*  
Allan Hantelmann, Bohdan Yard

*ABSA*  
Mike Poehlmann, Robin Antoniuk, Djordje Srnic

**REGRETS:** Nyssa Moore  
Danielle Woroniuk

**GUESTS:** Matthew Yarmuch (AWOC)

**RECORDER:** Jennifer Johnson

**2021 MEETINGS:** May 6, June 24, September 9, November 4

## 1. Meeting Opening

The Chair called the meeting to order at 9:05 a.m. A round table introduction was held and a teleconference tips were provided.

### 1.1 Agenda Adoption

**Greg Gaudet/Jacques St. Onge moved that the agenda be adopted, as circulated; CARRIED**

### 1.2 Adoption of the January 7, 2021 Minutes

**Billy Lee/Robert James moved to adopt the minutes of the January 7, 2021 meeting, as circulated; CARRIED**

## 2. Matters for Decision

None identified

## 3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	Ammonia Refrigeration Systems Concerns	Continue working on long term recommendations.	Mar 14/19 <b>2.3.</b>	Power Engineers WG	Ongoing
2.	Investigate Info Bulletin to Clarify ASME BPVC Section IV Application	Concerns that many of the end users of ASME BPVC Section IV are not familiar with how to properly apply the code. It was questioned whether an Information Bulletin should be issued for the general public to clarify. It was noted that some of the issues arise because of different rules in Europe regarding manufacturers' responsibilities. The PESR Codes and Standards Working Group will address this at their next meeting.	Jan 9/20 <b>4.3.3.</b>	PESR Codes & Standards Working Group	Ongoing

## 4. Matters for Discussion

### 4.1. Working Group Reports

#### 4.2.1. Power Engineers

The following was discussed:

- No update as the group has not met since January
- Will be meeting in March to discuss the definition of boilers

#### 4.2.2. Pressure Welders

The following was discussed:

- Group has not met since January, will be meeting soon

- The following statistics were shared regarding welding testing from January 1, 2021 to February 28, 2021

<b>COC</b>	<b># Tested</b>	<b># Passed</b>
Grade B	49	26
Grade C	0	0
Machine	1	1
Tack	0	0
WE	9	5
WET	2	0

#### **4.2.3. PESR Codes & Standards**

The following was discussed:

- Working group met last week to review the changes to ASME B31.1 and B31.5

**Greg Gaudet/Geoff Kutz moved to recommend to Municipal Affairs to support the automatic adoption of 2020 edition of ASME B31.1, including mandatory Appendices A-G, J and non-mandatory Appendices II and III; CARRIED.**

**Greg Gaudet/Magdi Ghobrial moved to recommend to Municipal Affairs to support the automatic adoption of 2020 edition of ASME B31.5; CARRIED.**

#### **4.2.4. PESR In-Service Equipment**

The following was discussed:

- Met this week and reviewed the AB505 document on risk based inspections
- Working on some recommendations to improve clarity
- Will plan to have them ready to present to the sub-council at a special meeting before comments close on March 31, 2021

#### **4.3. AMA Report**

Nothing to report

#### **4.4. ABSA/Administrator Report**

The Administrator reported:

- Summary of Unsafe Condition, Accident and Fire reports
  - 8 unsafe conditions, accident and fire reports were received since the last update. One injury was reported. A worker was carrying out the scheduled cleaning of a sand separator. While attempting to verify that the drain piping was clear of obstructions, the operator opened a 2 inch ball valve. The pressure inside the sand separator dislodged a sand plug, resulting in the drain piping rotating and striking the operator on the hard hat and left arm.
  - Brief descriptions are available <https://www.absa.ca/unsafe-condition-accident-fire-reporting/summary-of-unsafe-condition-accident-fire-reports/>
- Information Bulletins
  - No new information bulletins since last report

- New or Revised AB-500 Documents
  - No new or revised AB-500 documents issued since last report
- ASME
  - The ASME Boiler and Pressure Vessel (BPV) Code Week meetings were held virtually from February 8th to 12th, 2021.
  - TOMC – Technical Oversight Management Committee TOMC approved the code change that will provide the definitions for "shall, should, may" in the Foreword of the Boiler and Pressure Vessel Code for the 2021 Edition.
- ASME BPV Section VIII
  - Based on the input from the refrigeration industry during the code public review, ASME decided to postpone the publication of these code changes and allow more discussion with the refrigeration industry. ASME and the refrigeration industry have been discussing the issue since 2017. ASME prepared the Section VIII Scope Deliberation Report and sent this document to the industry in 2021. The ASME plan is to resolve the issue and publish the scope revisions in the 2023 code edition.
  - After the proposal to revise Table UG-84.6 and Table 3.18 was approved, ASME received a comment from the public. The concern is that the proposed changes will add additional requirements and will not address the original intent to define the location of the test specimens. The proposed change may add costs to meet the requirements of Section VIII with no clear technical or safety benefits. ASME has withdrawn the proposal from the 2021 Edition and is currently reviewing the concerns.
  - ASME is working on the code revision that will clarify that evaluation of external loads on standard flanges is mandatory. The proposed code revision should allow the use of three methods (the current UG-44(b) and 4.16.12 method from Brown, introduces a new method from Koves, and provides a reference to EN 1591) for evaluation of external loads on standard flanges.
  - SGGR is developing rules for the Engineering Contractors including a proposal for a new Data Report form U-1B. Engineering Contractor is a vessel Manufacturer that may or may not have fabricating facilities. The Engineering Contractor will have a Certificate of Authorization and would be responsible for Code compliance of the vessel. ASME BPV Section I has permits and rules for the Engineering Contractor.
  - The Committee is working on a proposal that will add a new paragraph to specifically address construction of replacement parts that are built "in kind" or "identical fit" to previously certified parts, with the design under the responsibility of the user.
- CSA B51
  - Technical Committee meeting was held virtually 24 February. A key topic was the reformatting of B51 as part of the modernization project. The TC decided the next edition will be arranged to follow the pressure equipment lifecycle.

#### **4.5. Council Updates**

A written report was included in the portal and updates were provided on:

- Council remains closed to the public, with all staff working from home
- Online meetings for the foreseeable future, please reach out if you have any issues with Telus Business Connect and we can assist
- Please forward any info you would like shared on our social media
- The Safety Codes Council will offer the following training online this spring:
  - New Member Orientation coming up on March 23<sup>rd</sup>
  - Effective Meetings April 13 and 14<sup>th</sup>
  - Appeals Training April 27 and 28<sup>th</sup>

### **5. Meeting Finalization**

#### **5.1. Round Table**

- None identified.

#### **5.2. Next Meeting**

The next meeting was reconfirmed for May 6, 2021 at 9:00 a.m.

#### **5.3. Meeting Adjournment**

The meeting was adjourned at 10:15 a.m.

**– NEW ACTION ITEMS –**

None identified

**– MOTIONS –**

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**– WORKING GROUP MEMBER LISTS –**

<b>WORKING GROUP</b>	<b>WORKING GROUP MEMBERS (Chair)</b>
Power Engineers	<u>David Miller</u> , Mike Clancy, Henry Hau, Todd Loran, Tony McWhannel, John Wolff, Danielle Woroniuk, Jim Rice, Mike Lyne ABSA: Mike Poehlman, John Siggers
Pressure Welders	<u>Billy Lee</u> , Marvin Kossowan, Geoff Kutz, Nyssa Moore, Jacques St-Onge, Robert James, Nate Bartley, Matt Yarmuch, Magdi Ghobrial, Henry Hau ABSA: Mike Prefurmo, Jason Reinhart
PESR Codes and Standards, Design Registration and Shop Inspections	<u>Greg Gaudet</u> , Henry Hau, Magdi Ghobrial, Marvin Kossowan, Billy Lee, Tony McWhannel, David Miller, Eric Madsen, Jim B. Seale, Neil McKay, Shawn Morrison, Trevor Seipp, Diederick Godin, Kelly Bell
PESR In-Service Inspections, Repairs & Alterations, and PEIM Program	<u>Geoff Kutz</u> , Greg Gaudet, Henry Hau, Todd Loran, Nyssa Moore, Jacques St-Onge, John Wolff, Nate Bartley, Diederick Godin (Vice Chair), Jim Rice ABSA: Mike Poehlman, Mike Prefurmo, John Siggers