



Safety Codes Council

MINUTES OF THE SIXTH PRESSURE EQUIPMENT SUB-COUNCIL MEETING OF 2019 WITH SPECIAL MEETING

DATE: October 24, 2019

TIME: 9:00 a.m. to 2:50 p.m.

LOCATION: Safety Codes Council Office, Edmonton

PRESENT: Henry Hau, Chair
Nate Bartley
Mike Clancy
Greg Gaudet
Dr. Magdi Ghobrial
Robert James
Marvin Kossowan
Geoff Kutz
Billy Lee, Vice Chair
Tony McWhannel
David Miller, Vice Chair
Nyssa Moore
Jacques St-Onge
John Wolff

Alberta Boilers Safety Association

Mike Poehlmann, Robin Antoniuk, Djordje Sronic, John Siggers, Jason Reinhart

Alberta Municipal Affairs

Allan Hantelmann, Bohdan Yard

Safety Codes Council

Allison Karch, Kathryn Derkach

REGRETS: Todd Loran, Danielle Woroniuk

GUESTS: Narmin Janmohamed and Richard Skelton, Alberta Labour;
Matt Yarmuch & Rick Walmsley, AWOC; Sean Johnston, Local 488

RECORDER: Sandi Orr

2019 MEETINGS: December 12

1. Meeting Opening

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

Working Group meetings were held from 10:00 a.m. to 12:00 noon.

1.1. Agenda Adoption

The following items were added to the agenda:

- 2.1.4. – Nomination of Diederick Godin to represent the Electrical Utilities Industry Segment
- 2.1.5. – Nomination of Doug Brow to represent the Building and Heating Plants Industry Segment

Robert James / Mike Clancy moved that the agenda be adopted, as amended, with a flexible order of business; CARRIED

1.2. Adoption of Minutes

Billy Lee / John Wolff moved to adopt the minutes of September 5, 2019, as circulated; CARRIED

2. Matters for Decision

2.1. In-Camera Decisions

2.1.1. Matrix Review – review existing sub-council matrix to ensure it continues to appropriately represent the pressure equipment discipline

Discussion regarding this item was held in camera.

It was noted that the Heavy Oil and Sands is being corrected to read Heavy Oil Sands.

Mike Clancy / Geoff Kutz moved that the Pressure Equipment Sub-Council has reviewed their matrix and no changes are recommended at this time; CARRIED

2.1.1.1. Development of Skills Matrix

It was reported that skills matrices are being developed for each sub-council to assist nominating organizations to find nominees with the right skills and experience.

Each sub-council member was asked to define a few skills and/or qualifications for their own position that would be essential for their work on the sub-council and to forward this to the Council by November 25, 2019. [All]

2.1.2. Reappointment of Henry Hau to represent the Power Engineers Industry Segment

Vice Chair David Miller chaired this agenda item and Henry Hau removed himself from the meeting.

Nate Bartley / Geoff Kutz moved to recommend to the Board the reappointment of Henry Hau to the Pressure Equipment Sub-Council to represent the Power Engineers industry segment for a term ending January 31, 2023, effective February 1, 2020; CARRIED

2.1.3. Nomination of Dean Kovacs, Jim Rice, Jacek Mielczarek to represent the Petroleum Industry Segment

The information from each of the nominees were included in the portal and each candidate was given due consideration.

Geoff Kutz / Marvin Kossowan moved to recommend to the Board the appointment of Jim Rice to the Pressure Equipment Sub-Council to represent the Petroleum Industry segment for a term ending January 31, 2023, effective February 1, 2020; CARRIED

Todd Loran was recognized for all of his hard work and dedicated to the sub-council over the last 9 years.

2.1.4. Nomination of Diederick Godin to represent the Electrical Utilities Industry Segment

Mike Clancy / Billy Lee moved to recommend to the Board the appointment of Diederick Godin to the Pressure Equipment Sub-Council to represent the Electrical Utilities industry segment for a term ending January 31, 2023, effective February 1, 2020; CARRIED

John Wolff was recognized for all of his hard work and dedicated to the sub-council over the last 9 years.

2.1.5. Nomination of Doug Brow to represent the Building and Heating Plants Industry Segment

Robert James / Mike Clancy moved to recommend to the Board the reappointment of Doug Brow to the Pressure Equipment Sub-Council to represent the Building and Heating Plants industry segment for a term ending January 31, 2023, effective February 1, 2020; CARRIED

Mike Clancy was recognized for all of his hard work and dedicated to the sub-council over the last 9 years.

3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	Power Engineer Certification Differences across Provinces	It was suggested that a presentation regarding certification differences be provided at a future meeting and that consideration be given for a letter supporting AMA's position. A presentation will be provided by the Department of Labour on trade issues at a future meeting.	Jan 10/19 3.3.	Hantelmann	Agenda item 4.3
		It was requested that a gap analysis be provided to the sub-council	Oct. 24/19 4.5	Hantelmann	
2.	Refrigeration Systems Concerns	Continue working on long term recommendations.	Mar 14/19 2.3.	Power Engineers WG	In progress

4. Matters for Discussion

4.1. Ammonia Refrigeration System Concerns

It was reported that although the recommendation of the working group was to make AB-615 ABSA Guidelines for Care and Operation of Mechanical Refrigeration Systems Containing Ammonia mandatory, some items included in the document would be challenging to make mandatory. It was recognized that the Power Engineers Working Group may not have the necessary industry experts from the refrigeration industry to conduct a thorough review of the document.

ABSA will put together a task group including members from the Power Engineers Working Group and industry experts to assist in the development of an "AB-500 document" to address integrity management system requirements appropriate for ammonia refrigeration plants. The findings of this task group will be brought back to the sub-council. [Miller / Poehlmann]

Tony McWhannel and Mike Clancy volunteered for the task group. [McWhannel/Clancy]

4.2. Proposed Pressure Welder Regulation Changes

This item was discussed under the Working Group Reports.

4.3. Power Engineer Certification Differences Across Provinces presentation 1:00 p.m.

Narmin Janmohamed and Richard Skelton from Alberta Labour were introduced and welcomed to the meeting. A presentation was provided regarding Chapter 7 (Labour Mobility) Canadian Free Trade Agreement (CFTA) in relation to Power Engineer certification differences across provinces. This presentation was for information but could require action from the sub-council in the future.

Highlights of the presentation:

- The CFTA has been signed by all provinces and territories. It is meant to reduce or eliminate barriers to trade and mobility of workers.
- Chapter 7 addresses labour mobility
 - The key principle is that once certified by one regulatory authority a person is considered qualified in other provinces and territories
 - CFTA has provisions for the provinces and territories to make objections if they have a legitimate concern about recognizing the qualification.
 - There have been a few recent applicants from Quebec for Alberta power engineer certificates. The Quebec certificates are not based on examinations to the SOPEEC standard that is used in Alberta.
 - Alberta is working with Quebec to gain an understanding of the similarities and differences in competencies and scopes of practice for power engineer certificates issued by the two provinces.
 - Next steps could include determining a process to bridge any gaps between the certification programs.
- It was questioned how applicants with non-standard certificates were handled historically, and was reported that in past candidates with non-standard certificates were recognized at one class lower than the non-standard out-of-province certificate held.

Guidelines and information on Labour Mobility are available at www.workersmobility.ca.

4.4. Working Group Reports

4.4.1. Power Engineers

The working group provided a report on the following work in progress:

- Regulations were reviewed and discussion was held about alterations
- Some recommended proposed changes are likely to be brought forward

4.4.2. Pressure Welders

The working group report was included in the portal. The working group noted items in the written report that they have put on hold while further work is done.

The working group reported on work in progress and noted many good suggestions for change have been provided, but some issues are still being reviewed before recommendations are brought to the sub-council.

4.4.3. PESR Codes & Standards

The working group provided a report on the following work in progress:

- ABSA provided the working group with highlights of key changes to several codes that will affect the pressure equipment discipline
- Work continues on recommendations regarding adoption
- Meeting dates were set and will include other stakeholders to assist in this work

The Working Group Chair will provide the Council with the meeting dates should any other sub-council members wish to attend. [Gaudet]

4.4.4. PESR In-Service Equipment

It was reported that AB-526 and AB-527 are still being reviewed.

4.5. 2020 Meeting Dates

The following meeting dates were proposed and will be confirmed within the next few weeks:

- January 9
- March 12 –special meeting
- May 7
- September 3
- October 22 –special meeting
- December 3

It was noted that additional meetings could be held if necessary. It was suggested that an additional day be added in conjunction with one of the falls meetings for strategic planning.

4.6. AMA Report

The Technical Advisor reported that with regard to a leak of refrigeration that is not in pressure equipment but affects pressure equipment, it is AMA's opinion that ABSA would still be involved and it would be treated as a pressure equipment issue. The Administrator clarified that if other problems are found pertaining to other disciplines, then those disciplines would also need to be brought in.

There was nothing new to report from the cross-ministry working group regarding refrigeration.

4.7. ABSA/Administrator Report

Summary of Unsafe condition, accident and fire reports

11 unsafe condition, accident and fire reports were received since the last update. Brief descriptions are available at

- <https://www.absa.ca/unsafe-condition-accident-fire-reporting/summary-of-unsafe-condition-accident-fire-reports/>

Date Reported	Injuries	Fatalities	Description	Loss of Containment
2019-10-01	0	0	A pinhole leak was discovered coming from a tee on the steam side of the low water cut-off column of a power boiler.	Yes
2019-10-01	0	0	Steam was found to be leaking from the gauge glass column of a power boiler. Vibration is suspected to be the cause of the leak.	Yes
2019-10-01	0	0	Steam was found to be leaking from the orifice flange on a boiler feedwater line.	Yes
2019-09-30	0	0	A watertube was found to be leaking in a hot water heating boiler.	Yes
2019-09-27	0	0	Vibration caused a pressure indicator to unscrew, resulting in a release of gas which in turn ignited.	Yes
2019-09-24	0	0	Cracked welds were discovered on the drain nozzle of a compressor bottle.	Yes
2019-09-23	0	0	A process train was overpressured due to a process excursion and blocked-in PSV. Loss of containment occurred due to gasket failure.	Yes
2019-09-23	0	0	A through wall crack was discovered at the firetube-to-tubesheet weld of a power boiler.	Yes
2019-09-20	0	0	A heat exchanger was found to be leaking. Upon investigation, the source of the leak was determined to be a faulty gasket.	Yes
2019-09-04	0	0	A 2 inch fuel gas piping line was found to be leaking due to external corrosion.	Yes
2019-09-04	0	0	During maintenance, a small fire started in a vessel. The fire is believed to have been caused by iron sulphides (in scale) reacting with oxygen.	No

Information Bulletins issued since May 2, 2019

Alert	2019-10-11	IB19-010	Alert – Emerson Automation Solutions Product Service Bulletin	PESR
Information	2019-10-22	IB19-011	Introduction to Ammonia Refrigeration Examination	PESR

ASME

The next ASME Code week is scheduled for October 27 to November 1, 2019

4.8. Council Updates

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

- The Council is offering Member training:
 - Effective Meetings Workshop – November 12
 - Appeals Training – November 13
 - To sign up, please email Gerry.Letendre@safetycodes.ab.ca
- All Members are required to complete online FOIP training by December 31, 2019 – please contact Council Administration if you did not receive the email with the link to the training
- Members were asked to reply to the meeting invitation email if there is no “Accept Meeting” option to indicate whether they will be attending
- New expense claim form and changes to policy were explained
- Council Open House on November 29 from 3 to 6 pm

5. Meeting Finalization

5.1. Round Table

There was nothing new to bring forward.

5.2. Next Meeting

The next meeting was reconfirmed for December 12, 2019.

5.3. Meeting Adjournment

Mike Clancy / Marvin Kossowan moved that the meeting be adjourned; CARRIED

The meeting was adjourned at 2:50 p.m.

--- NEW ACTION ITEMS ---

2.1.1.1. Development of Skills Matrix

Each sub-council member was asked to define a few skills and/or qualifications for their own position that would be essential for their work on the sub-council and to forward this to the Council by November 25, 2019. [All]

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Tony McWhannel and Mike Clancy volunteered for the task group. [McWhannel/Clancy]

4.4.3. PESR Codes & Standards

The Working Group Chair will provide the Council with the working dates should any other sub-council members. [Gaudet]

--- MOTIONS ---

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5.3. Meeting Adjournment

Mike Clancy / Marvin Kossowan moved that the meeting be adjourned; CARRIED

WORKING GROUP MEMBERS

WORKING GROUP	WORKING GROUP MEMBERS (<u>Chair</u>)
Power Engineers	<p><u>David Miller</u> Mike Clancy, Henry Hau, Todd Loran, Tony McWhannel, John Wolff, Danielle Woroniuk Industry Representative: Mike Lyne (Suncor) Support: Mike Poehlmann, Tom Lemming, John Siggers, Allan Hantelmann</p>
Pressure Welders	<p><u>Billy Lee</u> Nate Bartley, Marvin Kossowan, Geoff Kutz, Nyssa Moore, Jacques St-Onge, (formerly Izak Roux and Ward Wagner) Industry Representation: Matt Yarmuch, AWOC Support: Jason Reinhart, Robin Antoniuk, Allan Hantelmann</p>
PESR Codes and Standards, Design Registration and Shop Inspections	<p><u>Greg Gaudet</u> Magdi Ghobrial, Marvin Kossowan, Billy Lee, Tony McWhannel, David Miller, (formerly Izak Roux) Industry Representatives: Eric Madsen, Shell Canada; Jim B. Seale, Seale Engineering; Neil McKay, Cesco; Shawn Morrison, M5 Engineering; Simon Yuen, Suncor Energy; Trevor Seipp, Becht Engineering; and Kelly Bell, Cenovus Energy Support: Mike Poehlmann, Djordje Sronic.</p>
PESR In-Service Inspections, Repairs & Alterations, and PEIM Program	<p><u>Geoff Kutz</u> Nate Bartley, Greg Gaudet, Henry Hau, Todd Loran, Nyssa Moore, Jacques St-Onge, John Wolff, (formerly Grant Peuramaki) Support: Robin Antoniuk, Allan Hantelmann</p>