



Safety Codes Council

MINUTES OF THE FIRST PRESSURE EQUIPMENT SUB-COUNCIL MEETING OF 2021

DATE: January 7, 2021

TIME: 9:00 a.m. to 11:40 a.m.

LOCATION: videoconference

PRESENT: *Sub-Council Members*
Henry Hau, Chair
Nate Bartley
Greg Gaudet
Dr. Magdi Ghobrial
Geoff Kutz
Billy Lee, Vice Chair
Tony McWhannel
David Miller, Vice Chair
Nyssa Moore
Jacques St-Onge
Diederick Godin
Danielle Woroniuk

Safety Codes Council
Kathryn Derkach, Jennifer Johnson

Alberta Municipal Affairs
Allan Hantelmann, Bohdan Yard

ABSA
Mike Poehlmann, Jason Reinhart, Mike Prefumo, John Siggers

REGRETS: Robert James

GUESTS: Matthew Yarmuch (AWOC)

RECORDER: Jennifer Johnson

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

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.

1.1 Agenda Adoption

David Miller/Geoff Kutz moved that the agenda be adopted with a flexible order of business, as circulated; CARRIED

1.2 Adoption of the October 22 Minutes

Billy Lee/Danielle Woroniuk moved to adopt the minutes of the October 22, 2020 meeting, as circulated; CARRIED

2. Matters for Decision

2.1. Chair Election

This item was chaired by Vice Chair Billy Lee

The floor was opened for nominations and Billy Lee and Greg Gaudet nominated Henry Hau as Chair of the Pressure Equipment Sub-Council; Henry Hau accepted the nomination. The Vice Chair called for any other nominations; none were received. **Henry Hau was appointed Chair of the Pressure Equipment Sub-Council by acclamation.**

2.2 Vice Chair Election

The floor was opened for nominations, Billy Lee and David Miller agreed to let their names stand. The Chair called for any other nominations; none were received. **Billy Lee and David Miller were appointed Vice Chairs of the Pressure Equipment Sub-Council by acclamation.**

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 2.3.	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	Jan 9/20 4.3.3.	PESR Codes & Standards Working Group	No update, group has not met.

		Standards Working Group will address this at their next meeting.			
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4. Matters for Discussion

4.1. Reference Syllabus for Welding Examiner and Welding Examiner in Training Certificate of Competency Examinations

The following was discussed:

- This document belongs to the Safety Codes Council and ABSA maintains it
- It currently references out of date ASME codes so ABSA has provided a marked up version with suggested edits to bring it up to date
- It was recognized that this is an important change that will resolve many issues for students

Billy Lee/Geoff Kutz moved to recommend that the Safety Codes Council accept the proposed revisions to the Reference Syllabus for Welding Examiner and Welding Examiner in Training Certificate of Competency Examinations; CARRIED.

[Administrator]

4.2. Working Group Reports

4.2.1. Power Engineers

The following was discussed:

- ABSA recently issued an information bulletin regarding how to calculate the heating surface area for unfired boilers, there was a lot of discussion around process levels which will continue at the next meeting

4.2.2. Pressure Welders

The following was discussed:

- Starting to see more of the semi automatic processes in industry while the apprenticeship training has a big focus on the manual process, working with ABSA to see if there is an opportunity to put more focus on the semi automatic process
- ABSA provided statistics for testing in 2020

4.2.3. PESR Codes & Standards

The following was discussed:

- Will review Terms of Reference for the next meeting and look at expanding to include reviewing engineering and AB500 documents
 - Gap analysis of code revisions provided by ABSA has been valuable and useful.
- Consider removing the Shop Inspection portion from the scope of the group as we have never had any issues to address to date

4.2.4. PESR In-Service Equipment

The following was discussed:

- Working group hasn't met since October

- Started looking at comments on new risk based inspecting document and servicing requirement document, will need more time so will continue to work on those and provide suggestions to ABSA before April 1st

4.4. AMA Report

The Technical Advisor reported:

- Staff are currently working from home
- Waiting to hear back from Department of Labour regarding recognition of out of province power engineer certificates that do not meet the Alberta standard
- Will schedule some audits with ABSA for 2021

4.5. ABSA/Administrator Report

The Administrator reported:

- Summary of Unsafe condition, accident and fire reports
 - 13 unsafe condition, accident and fire reports were received since the last update. No injuries were reported.
 - Brief descriptions are available <https://www.absa.ca/unsafe-condition-accident-fire-reporting/summary-of-unsafe-condition-accident-fire-reports/>
- Information Bulletins issued since April 1st, 2020
 - 2020-12-22 IB20-022 Registration of Pressure Equipment Alteration Design<<https://www.absa.ca/media/2246/ib20-022-interpretation-registration-of-pressure-equipment-alteration.pdf>>
 - 2020-12-15 IB20-021 Unfired Steam Boiler Rating<<https://www.absa.ca/media/2242/2020-12-15-ib20-021-unfired-boiler-rating-for-per.pdf>>
 - 2020-12-08 IB20-020 Integrity Assessment and PRV Servicing Requirements<<https://www.absa.ca/media/2241/ib20-020-integrity-assessment-and-prv-servicing-requirements.pdf>>
- New or Revised AB-500 Documents
 - AB-535, Requirements for Alteration Design Registration based on Fitness for Service Assessments, Edition 2, Revision 1 issued on December 22, 2020
 - AB-506, Inspection and Servicing Requirements for In-Service Pressure Equipment, Edition 3 – Issued 2020-12-07
 - “Changes” version of AB-506 posted for reference.

ASME

The ASME Boiler and Pressure Vessel (BPV) Code Week meetings were held virtually from November 8th to 13th, 2020. Highlights of the meetings are as follows.

- It was reported that all ASME Boiler Code Meetings will be virtual through December 2021.

- ASME’s focus is on preparing the 2021 edition of the ASME BPV Codes, as the cut-off date for potential revisions to be included in the 2021 edition is the end of November 2020.
- Section VIII reported that the backlog of interpretations is down and currently at a manageable level.
- The Task Group (TG) on Scope has been consulting with stakeholders and ASME to define a path forward regarding the previously reported Scope changes to ASME Section VIII. The plan is to have a proposal for scope changes prepared for the 2023 edition of the code.

- Some of the items that the Section VIII committees will be working on in the future include:
 - The definition of an unfired steam boiler
 - Development of rules for fired heater treater vessels

ASME BPVC Section XIII has been developed to consolidate and standardize pressure relief device requirements for all BPV Codes. This edition has been approved and is scheduled to be published in the 2021 edition of the ASME BPV Code. This new standard provides the requirements for pressure relief devices and overpressure protection by system design used to protect pressurized equipment against overpressure. It establishes rules for each type of pressure relief device including materials, design, construction, settings, testing, and capacity certification, as well as performance testing and installation requirements for pressure relief devices and conceptual requirements for system design. Sections IV, VIII Divisions 1, 2, & 3, X and XII approved the transfer of overpressure protection requirements from the code of construction to Section XIII. Section I approved the transfer of the capacity certification rules from PG-69 to Section XIII, Part 9.

CA-1, 2020 Edition will introduce definitions of “field sites” and “temporary locations”. In the new edition, CA-1 will not refer to the term “Intermediate site”, as it was decided that any work outside of the shop at a place other than the final installation location of the boiler or pressure vessel will be called a “temporary location”. CA-1 will provide the requirements that Certificate holders must address in their in quality management systems when they perform work outside their shops. CA-1 will describe the process for obtaining the authorization from ASME.

CSA B51

Modernization Project work is progressing.

4.6. Council Updates

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

- The Council office continues to be closed to the public and staff are working from home
- Meetings will be online for the foreseeable future, please reach out to Kathryn if you have any issues using Telus Business Connect
- Meeting dates for 2021 are in the portal, you should have received calendar invites for them all

5. Meeting Finalization

5.1. Round Table

- Working groups would like longer than half an hour to meet, will look at extending the at the next special meeting
- New members Neil MacKay and Bert Boulet will join us at our next meeting
- ABSA offices will remain closed for the foreseeable future due to the pandemic, there are good COVID safe work protocols in place currently for examinations, inspections etc.

5.2. Next Meeting

The next meeting was reconfirmed for March 4, 2021 at 9:00 a.m.

5.3. Meeting Adjournment

Nate Bartley/Greg Gaudet moved to adjourn the meeting at 11:40 a.m.

– NEW ACTION ITEMS –

4. Matters for Discussion

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Billy Lee/Geoff Kutz moved to recommend that the Safety Codes Council accept the proposed revisions to the Reference Syllabus for Welding Examiner and Welding Examiner in Training Certificate of Competency Examinations; CARRIED.

[Administrator]

– MOTIONS –

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5.3. Meeting Adjournment

Nate Bartley/Greg Gaudet moved to adjourn the meeting at 11:40 a.m.

– WORKING GROUP MEMBER LISTS –

WORKING GROUP	WORKING GROUP MEMBERS (Chair)
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