



Safety Codes Council

MINUTES OF THE FOURTH PRESSURE EQUIPMENT SUB-COUNCIL MEETING OF 2020

DATE: September 3, 2020

TIME: 9:00 a.m. to 12:30 p.m.

LOCATION: Teleconference

PRESENT: *Sub-Council Members*

Henry Hau, Chair
Nate Bartley
Colby Chapman
Greg Gaudet
Dr. Magdi Ghobrial
Robert James
Billy Lee, Vice Chair
David Miller, Vice Chair
Jacques St-Onge
Diederick Godin
Danielle Woroniuk

Safety Codes Council

Kathryn Derkach, Jennifer Johnson, Susan Rossmann
Kris Schmaltz, Tyler Wightman (item 4.1)

Alberta Municipal Affairs

Allan Hantelmann, Bohdan Yard

ABSA

Mike Poehlmann, Robin Antoniuk, Djordje Srnic

REGRETS:

Geoff Kutz
Tony McWhannel
Nyssa Moore

GUESTS: Matthew Yarmuch (AWOC), Rick Walmsley (AWOC), Todd Loran

RECORDER: Jennifer Johnson

2020 MEETINGS: October 22, December 3

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

Nate Bartley/Robert James moved that the agenda be adopted, as circulated; CARRIED

1.2 Adoption of the May 7, 2020 Minutes

The minutes were reviewed and no corrections were made.

David Miller/Nate Bartley moved to adopt the minutes of the May 7, 2020 meeting, as circulated; CARRIED

2. Matters for Decision

2.1. Closed Session

David Miller/Greg Gaudet moved to go into closed session; CARRIED.

Diederick Godin/Greg Gaudet moved to come out of closed session; CARRIED.

2.1.1. Appointment of Bert Boulet to represent Building and Heating Plants

Greg Gaudet/Colby Chapman moved to recommend to the Board appointment of Bert Boulet to the Pressure Equipment Sub-Council to represent Building and Heating Plants for a term ending January 31, 2024, effective February 1, 2021; CARRIED

2.1.2. Reappointment of Greg Gaudet to represent Heavy Oil Sands

David Miller/Jacque St-Onge moved recommend to the Board reappointment of Greg Gaudet to the Pressure Equipment Sub-Council to represent Heavy Oil Sands for a term ending January 31, 2024, effective February 1, 2021; CARRIED.

2.1.3. Reappointment of Jacques St-Onge to represent Construction and Maintenance of Pressure Equipment

Robert James/Greg Gaudet moved recommend to the Board reappointment of Jacques St-Onge to the Pressure Equipment Sub-Council to represent Construction and Maintenance of Pressure Equipment for a term ending January 31, 2024, effective February 1, 2021; CARRIED.

2.2. Skills Matrix Review

Colby Chapman/Robert James moved to accept the PESC skills matrix as it is, with outstanding areas to be added as necessary; CARRIED.

2.3. Matrix Review

The sub-council matrix was reviewed to ensure it continues to appropriately represent the pressure equipment discipline.

Billy Lee/Greg Gaudet moved to accept the Pressure Equipment sub-council matrix as it currently is; CARRIED.

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.
		ABSA will put together a task group to assist in development of an “AB-500 document” to address integrity management system requirements for ammonia refrigeration plants. The findings of this task group will be brought back to the sub-council. Tony McWhannel and Mike Clancy volunteered for the task group.	Oct 24/19 4.1.	Poehlmann/ Miller/ McWhannel/ Clancy	
2.	Certification Requirements for Providing Reduced Supervision document	The Administrator asked for a status update on the Certification Requirements for Providing Reduced Supervision document and the Power Engineers Working Group’s feedback on it. Todd Loran will work with the Working Group Chair to provide an update for the next meeting.	Jan 9/20 4.3.1.	Miller	AB 538 has been issued. Item can be removed.
3.	Investigate Info Bulletin to Clarify Section 4 Application	Concerns that many of the end users of ASME BPVC Section IX 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 4.3.3.	PESR Codes & Standards Working Group	Ongoing

4. Matters for Discussion

4.1. Council Education Presentation

A presentation by Kris Schmaltz and Tyler Wightman was included in the portal and the following was discussed:

- Current Safety Codes Council education programming was reviewed (SCOs, Master Electricians, etc.)
- Future goals include increasing programming to include more stakeholders
- There has been feedback that more consistency is required, how to achieve this
- Increased training for management in the industry on what their responsibilities are
- Smaller plants have unique safety concerns
- Recognize that Pressure Equipment discipline is unique as there are organizations like ABSA that provide training as well
- Members are invited to review the feedback questions in the presentation and submit their responses to the sub-council

4.2. Working Group Reports

4.2.1. Power Engineers

The following was discussed:

- Next meeting will be September 25th

4.2.2. Pressure Welders

The following was discussed:

- No update

4.2.3. PESR Codes & Standards

The following was discussed:

- No update

4.2.4. PESR In-Service Equipment

The following was discussed:

- No update

4.3. AMA Report

The Technical Advisor reported:

- Upcoming project with Labour and Immigration Ministry regarding labour mobility and streamlining processes for out of province applicants
- Work continues on the power engineer situation with Quebec
- New Minister of Municipal Affairs has been appointed

4.4. ABSA/Administrator Report

The Administrator reported:

Summary of Unsafe condition, accident and fire reports

24 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

Type	Date	Reference Number	Description	Referenced Regulation
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Interpretation	2020-05-07	IB20-013	PESR Section 6, PWR Section 8, ASME Code Case 2996	PESR, PWR
Variance	2020-05-14	IB20-014 (VA20-007)	Variance to PER 18(1)-third class examinations	PER
Information	2020-05-15	IB20-015	ABSA COVID-19 Measures	N/A
Interpretation	2020-06-01	IB20-016	Fitting Design Registration by an Organization other than Manufacturer	PESR
Interpretation	2020-06-08	IB20-017	Pressure Piping Alternative Test Methods	PESR
Interpretation	2020-08-19	IB20-019	Historical Boilers Requirements	PESR
Interpretation	2020-08-19	IB20-018	Quality Management Systems for Owner-User Equipment Integrity Management	PESR

New or Revised AB-500 Documents

AB-519, *Pressure Piping Alternative Test Methods*, Edition 2, Revision 2

AB-534 *Harmonized Requirements for Historical Boilers*, Edition 2, Revision 0

AB-512 *Owner-User Pressure Equipment Integrity Management Requirements*

ASME

ASME Committee meetings were held via Zoom throughout the month of August.

Notable items

ASME is considering introducing a definition of “unfired steam boilers” in Section VIII. Many years ago, Section I published interpretation (I-81-01) and provided definition of “unfired steam boilers”. This definition is not well known and needs further clarifications. Section VIII Committee is currently working on proposal to add the definition of “unfired steam boiler” in U-1(g) and establish rules when a pressure vessel may be designed and fabricated as an “unfired steam boiler” in accordance with Section VIII, Div.1. An alternate approach under consideration is that the term and rules for “unfired steam boilers” should be removed from the Section VIII, Div. 1.

The Section VIII Task Group on Scope and Exemptions has been working with the U.S. refrigeration industry in exploring different options on revising the scope of Section VIII, Div. 1.

The decision was made in the August 2020 meeting to continue work and propose changes in 2023 edition.

BPV VIII SC decided to annul Code Case 2695-1 six months after an announcement in the next Code Case Supplement. Code Case 2695-1 that allows the use of Section VIII, Division 2 rules in construction of Section VIII, Division 1 vessels is no longer necessary because Appendix 46 has been introduced into the 2019 Edition of Division 1.

The information was provided about reorganizing ASME code courses.

ASME would like to establish two training streams

- Manufacturer path (more courses on design and inspection, shop knowledge, etc.)
- Owner-user path (more courses on inspection, etc.)

As the first step, ASME is planning to reorganize and merge basic course for Div. 1 and Div. 2 (reasons: 60% overlaps and potential for more use of Div. 2 through Div. 1, Appendix 46). This may help with the new (2021 Edition) requirements in Div. 1 for demonstrating competences of designers.

The new book Section XIII *Rules for Overpressure Protection* is scheduled to be published with the 2021 edition of the ASME BPVC.

The code of construction for the boiler or pressure vessel will retain some overpressure protection requirements and will point users to Section XIII for other details.

Status

- Approved by: Sections, I, VIII Div. 1,2&3, X and XII
- Disapproved by: Section IV
- In progress: Section III, CA-1

Example of changes – Section VIII Division 1

- Deleted UG-125 through UG-140.
- Added UG-150 through UG-156 to adopt Section XIII.
- Updated all applicable references in Section VIII-1.
- Deleted Mandatory Appendix II and Forms UV-1 and UD-1.
- Revised Nonmandatory Appendix M to adopt Section XIII-
- Added new Nonmandatory Appendix PP (cross reference table)

CSA B51

The CSA B51 Technical Committee met virtually on August 27.

Highlights

- Next edition of B51 is scheduled for publication January, 2024
 - The last date for new proposals is October, 2021
 - The project plan is to ‘modernize’ B51, which will include restructuring and the addition of conformity assessment requirements
- Items of interest

- Proposal to reference ISO 16528
- Wood pellet boilers built to EN 303-5
- Harmonization of domestic water heaters with Section IV HLW limits
- Interpretation on anhydrous ammonia vessels (Clause 7.6.2)
- Revised code change process rolled out
- Endorsement of the National Board Inspection Code

CSA B52

The CSA B52 Technical Committee met virtually on August 26th.

Highlights

- Next edition of B52 is scheduled for publication December, 2022
 - The last date for new proposals is October, 2021
- Items of interest
 - Reorganized working groups into sub-committees
 - Considering rules for brine side of refrigeration system

ACI

The Association of Chief Boiler and Pressure Vessel Inspectors met virtually on August 24th and 25th.

Highlights

- CRN National Registration Improvement
 - CRN Online
 - Reconciliation agreement
- Registering of CSA B51 Data Reports with the National Board
 - Under review by the National Board
- Atlantic & Territorial Welding Initiative
 - Welder test database to facilitate licensing
- National Standard for Plant Ratings
 - NPSAC initiative to develop a new national standard
- EN 303-5 Heating Boilers for Solid Fuels
 - overview presentation by Djordje Srnic
- ISO 16528 Boiler and Pressure Vessel Performance Standards
 - overview presentation by Ken Lau

4.5. Strategic Planning for 2021

Looking for suggestions from members, please go back to your nominating organizations for their feedback on strategic focus for the sub-council for 2021. Will discuss further at upcoming meetings. [All]

4.6. 2021 Meeting Dates

Proposed 2021 meeting dates were posted in the portal and reviewed by members, no conflicts were identified. Council staff will confirm at next meeting. [All]

4.7. Council Updates

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

- Staff continue to work from home, likely until October
- Sub-council meetings continue to be online until further notice
- Our new President & CEO is Amina Deiab, she will likely attend an upcoming meeting
- Increasing our social media presence, please forward any info your nominating organization would like to share with the general public
- Reminder to fill out the sub-council survey, we appreciate your feedback

4.7.1. AGM Update

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

- Safety Codes Council AGM was postponed this year due to Covid-19 and plans are being made to host it virtually towards the end of October
- It will be on a Zoom platform with a separate voting module, instructions and a test vote will be sent out ahead of time so members can familiarize themselves with the platform
- Need to hold the AGM to approve the bylaw changes that were recommended as a result of last year's governance review
- A refresher of the recommendations was provided: dissolve the TCC, creation of two new sub-councils for Utilities and Private Sewage Disposal Systems

5. Meeting Finalization

5.1. Round Table

- Virtual code update meeting likely to be ready around the middle of October. Will be online but not a meeting, can log in at your convenience similar to classroom presentation or lectures

5.2. Next Meeting

The next meeting was reconfirmed for October 22, 2020 by teleconference at 9:00 a.m.

5.3. Meeting Adjournment

Nate Bartley/Robert James moved to adjourn the meeting at 12:30 p.m; CARRIED.

– NEW ACTION ITEMS –

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– 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
Pressure Welders	<u>Billy Lee</u> , Marvin Kossowan, Geoff Kutz, Nyssa Moore, Jacques St-Onge, Robert James, Nate Bartley, Matt Yarmuch, Magdi Ghobrial, Colby Chapman, Henry Hau
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