

# Sub-Council Report – Q2, 2021

## Pressure Equipment Sub-Council

May 6, 2021

12/16 members in attendance

- MOTION CARRIED to request ABSA consider developing and implementing a course on basic operation and awareness of ammonia refrigeration plants.
- The Pressure Welders Working Group continues to review proposals from AWOC as requested by Municipal Affairs.

June 24, 2021

15/16 members in attendance

- MOTION CARRIED to support the master form concept and database with ongoing work from the Pressure Welders working group and ABSA.
  - This concept is proposal #13 of the 14 proposals originally submitted by AWOC that are being reviewed at the request of Municipal Affairs.
  - This concept entails an online portal that would provide an efficient means of documenting and accessing qualification records. The working group supports this concept and recognizes that work has already begun with ABSA.
- MOTION CARRIED to submit IB13-005 *ASME B31.3 Pressure Testing Components in a Piping System* as amended to ABSA for their consideration.

## Building Sub-Council

May 13, 2021

15/17 members in attendance

- Farm Buildings in NBC(AE) Code
  - MOTION CARRIED to recommend that Municipal Affairs issue the Farm Buildings STANDATA with comments.
- Interior Stairways for Roof Access STANDATA
  - MOTION CARRIED to recommend that Municipal Affairs issue the Interior Stairways for Roof Access STANDATA with comments.
- Structural Insulated Panels STANDATA
  - MOTION CARRIED to recommend that Municipal Affairs issue the Structural Insulated Panels STANDATA with comments.
- Trade-Offs for Sprinklers in Part 9 Buildings
  - The Administrator has submitted the proposed code changes from the working group's final report to NRC.
- Effect of hailstorm for roofing/siding
  - A working group was formed to develop a code change request to encourage the use of resilient roofing to prevent hailstorm damage and further investigate outcomes for resilient siding.

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### Fire Sub-Council

May 20, 2021

12/15 members in attendance

- Wildland Urban Interface Fire Risk
  - A presentation was given to the sub-council around the regulatory impacts of not considering wildland urban interface risk in the building and fire codes.
  - Discussions will continue at the next Fire Sub-Council.

### Gas Sub-Council

April 22, 2021

14/17 members in attendance

- A question about bonding requirements for gas systems was referred from the ESC. It was clarified that if there's no electrical permit associated with the installation, then the gas discipline would inspect it. If there is an electrical permit, the electrical SCO would inspect and there is no need for the gas SCO to inspect as well. The bonding requirement in the gas code is parallel to the electrical code and this duplication allows either an electrical or gas SCO to do the inspection.
- Significant progress was made on a draft code change proposal regarding cylinders below grade on construction sites. The goal of the proposal is to provide for safety while balancing consistency throughout the province with flexibility for each Authority Having Jurisdiction.
- Working groups continue their review of new and upcoming editions of the gas codes adopted in Alberta.

### Plumbing Sub-Council

June 1, 2021

11/12 members in attendance

- Permit Regulation
  - A presentation was received about a proposed change to the Permit Regulation to remove the exemption for plumbing permits for water, sewer and storm service installation
  - PSC will continue to consider this topic, along with a full review of the Permit Regulation, at their next meeting.
- Public Health Guidelines for Water Reuse and Stormwater Use
  - Guidelines published by Alberta Health are available on the [Open Alberta website](#)
  - The PSC will provide advice on any next steps from a code perspective, such as additional information or guidance for industry
- Clarification was provided that since a secondary suite is considered a dwelling under the building code, a home with a secondary suite must have two backwater valves, one for each dwelling.

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### Electrical Sub-Council

April 12, 2021

17/19 members in attendance

- A working group was formed to review the 2021 CE Code.
  - MOTION CARRIED to form a working group to review CSA 22.1:21.
- A submission to the sub-council asking for clarification around the use of USEI cable was reviewed.
  - MOTION CARRIED to form a working group to investigate the use of USEI in situations other than service entrances.
- Submerged Equipment working group presented its final report.
  - MOTION CARRIED to expand the application of the output of this working group to also include electrical equipment exposed to ingress of water, not just submerged or flooded, to align with C22.1-21 Rule 2-032 3) and associated Appendix B Notes on the rule.
  - MOTION CARRIED to request Municipal Affairs contact NEMA for more background on decisions made on Section 3 transformers, specifically, what is the basis to say replacement of liquid filled and cast resin is required.
  - MOTION CARRIED to recommend a STANDATA be issued to provide interpretation of C22.1 2021 2-032 3), including an illustration like one in the ESFI document to help readers visualize, and to ensure the content of the STANDATA include details provided in the working group's report.

June 7, 2021

16/19 members in attendance

- Lightning Protection Systems STANDATA
  - MOTION CARRIED to support the Lightning Protection Systems Joint STANDATA.
- A working group was formed to review the gap for communication wiring.
  - MOTION CARRIED to create a working group to investigate the installation of non-metallic outer jacket cables as per the gap in 2021 CE Code Rule 12-500.

### Barrier Free Sub-Council

June 16, 2021

10/13 members in attendance

- The Awareness and Technical working groups are meeting regularly to review their action items.
- A working group was formed to review requirements for assisted living facilities.
  - MOTION CARRIED to form a working group to review and update requirements for assisted living facilities.