



**MINUTES OF THE
FOURTH GAS SUB-COUNCIL MEETING OF 2021**

DATE: December 16, 2021

TIME: 9:13 a.m. to 12:15 p.m.

LOCATION: videoconference

PRESENT: **Sub-Council Members**
Jason Helfrich, Chair
Cody Christman
Paul Delano
Mark Guderjan
Roy Herrington
Chuck Lemke (until 11:15 a.m.)
Darcy Toner (until 11:58 a.m.)
James Maddocks
Marcel Mandin
Larry Miller
Randy Saunders
Mike Turek
Dale Walls

Safety Codes Council
Allison Karch, Kathryn Derkach

Alberta Municipal Affairs
Sidney Manning, Claude Valliere, Tom Knull

REGRETS: Ron Beaudette, Tran Mah-Paulson, Jeff Skeith

GUESTS: Curtis Bellows (Apex Utilities), Justin Trupp (Kezen Thermal)

RECORDER: Kathryn Derkach

2022 MEETINGS: February 3, May 26, September 29, December 1

1. Meeting Opening

The Chair called the meeting to order at 9:13 a.m. A round table introduction was held and members were reminded that their primary duty is to act in the interest of safety in the built environment for Albertans.

1.1 Agenda Adoption

Cody Christman/Roy Herrington moved that the agenda be adopted, as circulated; CARRIED

1.2 Adoption of the October 7, 2021 Minutes

Paul Delano/Dale Walls moved to adopt the minutes of the October 7, 2021 meeting, as circulated; CARRIED

2. Matters for Decision

2.1. Closed Session

Roy Herrington/Mark Guderjan moved to enter into a closed session; CARRIED

Dale Walls/Roy Herrington moved to exit the closed session; CARRIED

2.1.1. Matrix Review

Cody Christman/Roy Herrington moved to accept the Gas Sub-Council matrix as presented; CARRIED

2.1.2. Skills Matrix Review

Dale Walls/Randy Saunders moved to accept the Gas Sub-Council skills matrix as presented; CARRIED

2.1.3. Appointment of Kris Topp to represent Large Gas Utilities

Roy Herrington/Cody Christman moved to recommend to the Board appointment of Kris Topp to the Gas Sub-Council to represent the Large Gas Utilities industry segment for a term ending January 31, 2025, effective February 1, 2022; CARRIED

2.1.4. Reappointment of James Maddocks to represent Professional Engineers

Mike Turek/Roy Herrington moved to recommend to the Board reappointment of James Maddocks to the Gas Sub-Council to represent the Professional Engineers industry segment for a term ending January 31, 2025, effective February 1, 2022; CARRIED

2.1.5. Reappointment of Larry Miller to represent Major Municipalities – North

Roy Herrington/Mark Guderjan moved to recommend to the Board reappointment of Larry Miller to the Gas Sub-Council to represent the Major Municipalities - North industry segment for a term ending January 31, 2025, effective February 1, 2022; CARRIED

2.2. Single Family Dwelling Definition

A document from the Single Family Dwelling Definition joint working group was reviewed on screen. Members were reminded that this working group was formed after initial review of the Permit Regulation and some confusion was identified about the definition.

The Electrical Sub-Council has already reviewed and supported the new definitions.

Member were asked to review the document, focusing on the January 13th definitions so a motion can be made at the next meeting. [All]

This will be added to the next GSC agenda.

[Council Administration]

3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	Combination Heating STANDATA	Provide updates on B214, which may impact the content of the STANDATA and/or whether it is required.	Sept 15/16	Manning	The latest draft has been supported by the PSC has been posted. The new STANDATA template will be applied to the draft before going the BSC, GSC and PSC for final review.
		Bring forward a final draft of the revised STANDATA		Manning	
2.	BNQ 1784 and CSA B149.6	Code recommended for adoption by GSC on Nov 15/18; AMA to provide updates on adoption as available. GSC motion to support adoption of CSA B149.6 was made April 23, 2020.	Nov 15/18	AMA	Ongoing, cabinet package is being established to include the two new codes. Waiting for direction from the Government.
3.	Cylinders Below Grade at Construction Sites	Motion made Oct 7/21 to forward the code change request to CSA B149.2 Committee; seeking updates from Mark Guderjan, Administrator, or Jason Helfrich when available.	Feb 12/20	Guderjan / Manning / Helfrich	Mark will send to CSA committee shortly.
4.	20lb Cylinder Requalification Requirements	Jason Helfrich and Marcel Mandin volunteered to work on the white paper.	Oct 7/21	Helfrich / Mandin	Ongoing issue that has seemed to slow down over the winter and facilities being closed due to COVID.

4. Matters for Discussion

4.1. CSA B109 Review

The Gas Administrator highlighted changes to the B109 code, specifically how the code was published in August 2021 as two separate codes: B109.1 Compressed Natural Gas Vehicle Installation Code and B109.2 Liquefied Natural Gas Vehicle Installation Code. Previously these were Part 1 and Part 2 of the B109 code.

The 3 column document for the B109.1 and B109.2 was reviewed on screen. It was noted that the changes are largely editorial, including to reflect the name change of the codes. No concerns with or significant impacts of the changes were identified.

It was noted that a similar name change occurred with the B108.1 Compressed Natural Gas Refueling Stations Installation Code and B108.2 Liquefied Natural Gas Refueling Stations Installation Code when they were published in January 2021.

Roy Herrington/Mike Turek moved that the Gas Sub-Council supports the adoption of CSA B109.1 and CSA B109.2 as published; CARRIED

4.2. 14-BCV-007 Interior Stairways for Roof Access

At a previous GSC meeting, members reviewed the draft STANDATA that include gas code information. The Building Administrator has since published the STANDATA without the gas code information. Members were asked if they would like to recommend updates to the STANDATA to include the gas code information.

The Gas Administrator will forward a copy of the previous draft to members for discussion at the next GSC meeting. [Manning]

4.3 Working Group Reports

4.3.1. Confirm membership and chairs of working groups

It was noted that at the last GSC meeting, working groups were conjoined, which means some have two chairs. Working groups with two chairs were asked to ensure a meeting is held to determine who will chair the group going forward.

Paul Delano/James Maddocks moved to add Justin Trupp to the B149.3 working group; CARRIED

Mike Turek/Darcy Toner moved to add Dale Walls to the B149.1 working group; CARRIED

4.3.2. CSA-B149.1 / Hydrogen Fueling Stations

No update.

4.3.3. CSA-B149.2 / CSA B108

No update.

4.3.4. CSA-B149.3 / B149.6

Justin Trupp provided an update about a request for proposals issued by CSA Group to review the gas codes relative to climate change. Third party research organizations are invited to submit proposals for developing a research report about climate change risks to natural gas and propane installations and identify areas of the code that may need to be modified to deal with climate change related risks and impacts. The deadline for submissions to the request for proposals is December 17, 2021, and the report is scheduled to be released in early 2023. The third party would not have the authority to change any codes, but their report will go to the CSA Technical Committee to review and make any subsequent changes to the gas codes.

If members are interested in knowing more, they can reach out to Justin directly.

4.3.5. CSA-B149.5.20 / B109

Marcel Mandin has applied to participate in future CSA B149.5 technical committees. Difficulty contacting one of the members of this working group was noted and the Administrator volunteered to reach out to the individual about his participation on the group. [Manning]

4.4. AMOS Report

It was reported that AMOS is holding a meeting on December 17 and the AMOS representative will put together a written report that will be brought to the next GSC meeting.

4.5. Administrator/AMA Report

The Administrator provided a written report in the portal and updates were provide on:

- Canadian hydrogen installation code and B149.6 code for digester gas, landfill gas and biogas generation and utilization regulation update
 - including name change for B149.3
 - Splitting up B109.1/B109.2 & B108.1/B108.2 to differentiate between compressed natural gas and liquefied natural gas.
- Oil and gas variance posted December 9, 2021
- 4 updated STANDATA including template
 - 20 GCB – 02[Rev 2] sidewall vent terminations first to be posted
- Code adoption Notice B108- February 2022
- Clean O2 discussion about potential presentation
- Restricted gas ticket for secondary services future.
- Hydrogen/natural gas blend definition
 - WOBBE index 47.23-51.16
 - It was noted that CSA has conducted a [research white paper on appliance conversion](#) that was released in May.
- Gasfitter reconciliation working group developed in association with PTAC/NPSAC

4.6. Council Updates

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

- Council office is anticipated to reopen in February with staff continuing to work from home at times; however, this is subject to change.
- The Council is looking for members' input on what safety system data would be beneficial to collect and analyze.
 - Please feel free to provide your thoughts by email to allison.karch@safetycodes.ab.ca

4.6.1. Finalized 2022-2023 Meeting Schedule

- Finalized schedule document in portal.
- It is anticipated that May 26 and September 29 will be in-person meetings if possible, with the rest held virtually.
- For in-person meetings, there is always the option to join virtually.

5. Meeting Finalization

5.1. Round Table

No items were brought forward.

5.2. Next Meeting

The next meeting was reconfirmed for February 3, 2022 virtually at 9:00 a.m.

5.3. Meeting Adjournment

Mike Turek/Mark Guderjan moved to adjourn the meeting; CARRIED.

The meeting was adjourned at 12:15 p.m.

– NEW ACTION ITEMS –

2.2. Single Family Dwelling Definition

Member were asked to review the document, focusing on the January 13th definitions so a motion can be made at the next meeting. [All]

This will be added to the next GSC agenda. [Council Administration]

4.2. 14-BCV-007 Interior Stairways for Roof Access

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4.3.5. CSA-B149.5.20 / B109

Difficulty contacting one of the members of this working group was noted and the Administrator volunteered to reach out to the individual about his participation on the group. [Manning]

– MOTIONS –

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5.3. Meeting Adjournment

Mike Turek/Mark Guderjan moved to adjourn the meeting; **CARRIED.**

– WORKING GROUP MEMBER LISTS –

WORKING GROUP	WORKING GROUP MEMBERS (<u>Chair</u>)
CSA-B149.1-20 – Natural gas and propane installation code Hydrogen Fueling Stations	<u>Chuck Lemke</u> Jeff Skeith; Mike Turek; Paul Delano; Ron Beaudette <u>Mark Guderjan</u> Larry Miller
CSA-B149.2-20 – Propane storage and handling code CSA-B108-18 – Natural gas fueling stations installation code	<u>Jason Helfrich</u> Jeff Skeith, Mike Turek, Ron Beaudette, Marcel Mandin, Paul Delano
CSA-B149.3-20 – Code for the field approval of fuel-related components on appliances and equipment CSA-B149.6-20 Biogas and Landfill Gas Code	<u>Paul Delano</u> James Maddocks; Dale Walls; Roy Herrington, Mark Guderjan
CSA-B149.5-20 – Installation code for propane fuel systems and tanks on highway vehicles CSA-B109-21 – Natural gas for vehicles installation code	<u>Marcel Mandin</u> Jason Helfrich; Chris Sherbanuk
Single Family Dwelling <i>(Joint with ESC)</i>	GSC: <u>Roy Herrington</u> , Mark Guderjan, Larry Miller ESC: Bert DeBruin, Barry Voogd