



**MINUTES OF THE  
THIRD GAS SUB-COUNCIL MEETING OF 2018**

**DATE:** September 20, 2018

**TIME:** 9:00 a.m. to 2:25 p.m.

**LOCATION:** Safety Codes Council Office, Edmonton

**PRESENT:** **Sub-Council Members**  
Glen Aspen, Chair  
Mark Guderjan  
Jason Helfrich  
Roy Herrington  
Simon Jolly  
Cindy Kieu  
Chuck Lemke  
Nathan Lesage  
Marcel Mandin  
Larry Miller  
Jeff Skeith  
Blaine Smetaniuk  
Mike Turek  
Denis Turgeon, Vice Chair  
Dale Walls

**Safety Codes Council**  
Allison Karch

**Alberta Municipal Affairs**  
Sidney Manning, Claude Valliere, Bohdan Yard

**REGRETS:** James Maddocks

**GUEST:** Travis Bouvier, RAE Gas Code Inspections

**RECORDER:** Sandi Orr

**2018 MEETINGS:** November 15

Prior to the start of the meeting, a tour of the Council's new office was provided. Safety and evacuation procedures were explained.

## **1. Meeting Opening**

The meeting was called to order by the Chair at 9:15 a.m.

### **1.1. Agenda Adoption**

The following item was added to the agenda:

- 4.9 – Approvals and Permit Bulletin

**Jason Helfrich / Denis Turgeon moved to adopt the agenda, as amended; CARRIED**

### **1.2. Adoption of May 17, 2018 Minutes**

The minutes were reviewed and 2.1 was corrected to read moved by Mike Turek.

**Mike Turek / Denis Turgeon moved to adopt the minutes of May 17, 2018, as corrected; CARRIED**

## **2. Matters for Decision [Motion Needed]**

### **2.1. B149.3 Working Group Terms of Reference**

An updated version of the Terms of Reference was included in the portal and reviewed on screen.

**Mark Guderjan / Nathan Lesage moved to approve the B149.3 Working Group Terms of Reference, as circulated; CARRIED**

### **2.2. Appointment of Travis Bouvier to the B149.3 Working Group**

The request for consideration was included in the portal and reviewed.

**Glen Aspen / Denis Turgeon moved to appoint Travis Bouvier to the B149.3 Working Group; CARRIED**

### **2.3. Election of Chair**

The November 2018 meeting will be the last meeting of the Chair and the floor was opened for nominations. Jason Helfrich was nominated. After three calls and no further nominations, ***Jason Helfrich was appointed as the Chair of the Gas Sub-Council.***

### 3. Review Matters Arising / Action List

	Item	Action	Date	Responsible	Status/Update
1.	Working Group Governance	Review and confirm Terms of Reference for all Working Groups.	Sep 15/16	Council Administration	Ongoing
		New members not yet participating on working groups to discuss working group membership with the Chair.	Sept 21/17	Aspen/ All	Ongoing
2.	Combination Heating STANDATA	Review draft Combination Heating STANDATA <b>UPDATE:</b> Hoping to see the new B214 draft shortly; been challenged with trying to manage legionella and wanted to move toward expulsion of any potable water for hydronic heating but NRCAN has pushed back.	Sep 15/16	All	Ongoing
		Provide updates on B214, which may impact the content of the STANDATA and/or whether it is required.	Sep 15/16	Manning	Ongoing
3.	Building Openings	Compile issues about the Building Openings STANDATA relative to conflicts between the Gas and Building Codes and forward to the Administrator. <b>UPDATE:</b> Edmonton is following manufacturer's recommendations; Calgary is similar and not having any issues	Sep 15/16	Guderjan / Miller	This item was closed and will be removed from the action list
		Discuss revisiting the STANDATA with the Building Administrator for revisions as possible joint STANDATA.	Sep 15/16	Manning	Closed and removed from action list
4.	Permitting Regulation Working Group	This item was referred to the Permit Regulation Working Group. <b>UPDATE:</b> Working Group has not had the opportunity to meet. It was recognized that there may be other items to discuss.	May 17/18	Helfrich	In progress
5.	CSA B149.6-15	Create Terms of Reference for new working group for B149.6 code.	May 17/18	Council Administration	In progress
6.	CAN/BNQ 1784-000	This code will be reviewed by the Hydrogen Fueling Stations Working Group. <b>UPDATE:</b> Recognized that there will be work to be done by AMA in parallel as revisions would be needed to the existing regulation.	May 17/18	Guderjan	In progress

		Discussion will also be needed about who would do inspections.			
7.	CSA 2.34 Gas-Fired Tubular and Low Intensity Infrared Heaters	Update sub-council members as new information is available. <b>UPDATE:</b> Certification Notice circulated; Infrared heaters will require S636 venting systems as of January 1, 2019. The document will be added to the portal.	May 17/18	Manning	Closed, item will be removed from action list

**4. Matters for Discussion**

**4.1. 2019 Meeting Dates**

The proposed meeting dates were included in the portal. Tentative dates were set as follows:

- Thursday, January 31
- Thursday, April 25
- Thursday, September 19
- Thursday, November 21

Members were asked to provide the Council with any conflicts that could impact a large number of sub-council members by the end of September, 2018. [All]

The 2019 meetings dates will be finalized in October, 2018. [Council Administration]

**4.1.1. Meeting Start Time**

Consensus was reached to retain the 9:00 a.m. start time.

**4.2. IGAC/CSA Technical Meeting Participant Feedback**

Feedback was provided regarding participating in the IGAC / CSA Technical Meetings. Generally, it was an educational experience. There was excellent participation from Albertans and positive feedback was received from CSA.

**4.3. Draft Annex J**

Draft Annex J was included in the portal and reviewed. It was noted that Annex J is not included in the three-column document. The annex is informative and is a performance-based alternative to the prescriptive requirements. IGAC did not accept the annex for inclusion in the code, even though the committee believes they’ve addressed all of IGAC’s concerns.

This led to a discussion regarding the current exemptions and whether some may need to be back under the jurisdiction of ABSA.

The Administrator will continue to keep the sub-council informed of the progress on Annex J. [Manning]

#### **4.4. Draft Updated Standards STANDATA**

The draft STANDATA was included in the portal. It was clarified that this would include any referenced standards that are included in the codes. There were no concerns from the Gas discipline regarding the joint STANDATA. Clarification was provided regarding the timing between the National level and Alberta Codes and this STANDATA provides that flexibility.

This item was considered closed and will be removed from the agenda. [Council Administration]

#### **4.5. Administrator/AMA Report**

The Administrator reported on the following:

- IGAC meeting discussions, a public report will be included in the portal when available
- ORDs – Other Recognized Documents were reviewed
- Vaporizer ORD was retired but since has been brought back with support from enforcement by regulators.
- By January 1, 2021, all Vaporizers will have to be certified
- Code change proposals are anticipated for under 20,000 BTUs and manual appliances
- OEM vehicles can voluntarily participate
- The Standards Council of Canada will be working with European manufacturers for products that can be used in Canada; SCOs will have some challenges in learning how to read labels to ensure they are certified for use in Canada
- Hydrogen Fueling Stations – a permitting guide is being developed and will be passed along to the working group
- Discussions were held regarding revisions needed for B149.3 relative to Annex J
- Issues identified with coated copper piping, this was also discussed at propane industry meetings
- The new CSA B108 has been published and available to the Working Group for review, this will become in force in or around September 1, 2019 unless recommendations are brought forward to the contrary
- Work has started picking up on Legacy Equipment

An in-depth discussion was held regarding the CETA Agreement, how to manage the process and whether there will be a process in place to report products that are not certified or equivalent. Canadian markings were explained, and it was noted that the public also needs to be knowledgeable about the products they are purchasing.

A discussion was held regarding certified equipment, approval of uncertified equipment, and that the Administrator-Only requirement is proposed to be changed so that all SCOs have that ability.

It was questioned regarding a recent gas explosion outside of Canada and a brief update was provided on information that has been made available.

A written report will be included in the portal.

[Manning]

#### **4.6. AMOS Report**

There was nothing new to report. Concerns are being expressed regarding SCOs issuing variances and the potential of inconsistencies. It was suggested that it is not likely going to be issues within a single jurisdiction. However, inconsistencies across jurisdictions could be a challenge.

The notice that will be issued hopefully will provide the necessary guidance. It was noted that there are very few Administrator-only variances currently being issued. AMA has committed to providing the necessary resources to manage this transition.

#### **4.7. Council Updates**

The following report was provided:

- Effective Meetings Training – October 29, 2018
- Appeals Training – October 30, 2018
- New Member Orientation – November 20, 2018
- The Council Conference will be May 29-31, 2019 and any recommendations for speakers would be appreciated
- Gas is the feature discipline for the 2019 conference, will be looking for volunteers to assist in highlighting the discipline
- An Open House will be held in December 2018
- An overview was provided on new formatting of the action item list

#### **4.8. Furnaces for Construction Heating**

The Administrator reported on challenges that have occurred with the use of furnaces during construction. Although this was agreed by all major manufacturers, one manufacturer has decided not to adhere to this agreement. Their manufacturer's instructions state that the furnace can be used for both construction and after construction, and they have stated they are not interested in changing their manufacturer's instruction. It is likely the STANDATA will need to be reviewed to determine if any revisions are needed.

The Administrator provided an overview of discussions with Intertek regarding certification and interpretation of the furnace standard and separately with CSA regarding the standard, rationale and interpretation. It was confirmed that it was never the intent of the standard to be occupancy or construction, but could be both. The agreement among manufacturers has been considered a separate topic altogether.

This led to an in-depth discussion regarding how this would affect homeowners, the furnace warranty and potential new home warranty issues. This is compounded by homeowners potentially being unaware that a warranty would be void until there is an issue.

From an industry perspective, there is disappointment in how this has shifted back because

homeowner protection is key. This led to a discussion regarding contractor responsibilities and the pressure they are being put under by some home builders.

It was suggested that a public awareness campaign is needed and reported that AHRI is looking into this.

An in-depth discussion was held regarding an appropriate path forward. It was suggested that this should be brought back to the attention of the New Home Warranty Program, a proposed change be considered and for the Chair to bring this to the attention of the TCC.

**Jason Helfrich / Chuck Lemke moved that Alberta submit a docket to CSA B149.1 for a proposed change that a furnace used during construction cannot be used for heating a building after construction; CARRIED** [Helfrich / Lemke / Manning]

Additional information and photographs were included in the portal as an alternative to temporary heat.

#### **4.9 Approvals and Permit Bulletin**

It was reported that the following Safety Notice for Gas-Fired Appliances is being revised: (<http://municipalaffairs.alberta.ca/documents/GasFiredAppliancesAndEquipment-Jul2016.pdf>)

The new draft will not differentiate between industries. This redrafted document will be added to the portal. [Manning/Council Administration]

An overview was provided of navigating the AMA website.

#### **5. Meeting Finalization**

##### **5.1. Meeting and Agenda Feedback**

Glen Aspen was thanked for all of his hard work and contribution to the Gas Sub-Council and the safety system.

##### **5.2. Next Meeting**

The next meeting was reconfirmed for Thursday, November 15, 2018 at the Council office.

##### **5.3. Meeting Adjournment**

**Jeff Skeith / Mike Turek moved that the meeting be adjourned; CARRIED**

The meeting was adjourned at 2:25 p.m.

--- NEW ACTION ITEMS ---

**4.1. 2019 Meeting Dates**

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The 2019 meetings dates will be finalized in October, 2018. [Council Administration]

**4.3. Draft Annex J**

The Administrator will continue to keep the sub-council informed of the progress on Annex J. [Manning]

**4.4. Draft Updated Standards STANDATA**

This item was considered closed and will be removed from the agenda. [Council Administration]

**4.5. Administrator/AMA Report**

A written report will be included in the portal. [Manning]

**4.8. Furnaces for Construction Heating**

Alberta submit a docket to CSA B149.1 for a proposed change that a furnace used during construction cannot be used for heating a building after construction. [Helfrich / Lemke / Manning]

**4.9 Approvals and Permit Bulletin**

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--- MOTIONS ---

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**2.3. Election of Chair**

*Jason Helfrich was appointed as the Chair of the Gas Sub-Council.*

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**5.3. Meeting Adjournment**

**Jeff Skeith / Mike Turek moved that the meeting be adjourned; CARRIED**

## WORKING GROUPS

STANDARD	WORKING GROUP MEMBERS ( <u>Chair</u> )
CSA-B149.1-20 – Natural gas and propane installation code	<u>xx</u> Jeff Skeith; Mike Turek; Denis Turgeon; Simon Jolly; Chuck Lemke
CSA-B149.2-20 – Propane storage and handling code	<u>Jason Helfrich</u> ; Jeff Skeith; Mike Turek; Denis Turgeon
CSA-B149.3-20 – Code for the field approval of fuel-related components on appliances and equipment	<u>Glen Aspen</u> ; Denis Turgeon; James Maddocks
CSA-B149.5-20 – Installation code for propane fuel systems and tanks on highway vehicles	<u>Marcel Mandin</u> ; Jason Helfrich; Nathan Lesage
CSA-B108-18 – Natural gas fuelling stations installation code	<u>Nathan Lesage</u> ; Marcel Mandin; Blaine Smetaniuk or designate
CSA-B109-17 – Natural gas for vehicles installation code	Currently in abeyance
Permit Regulation	<u>Jason Helfrich</u> ; Glen Aspen, Jeff Skeith
Hydrogen Fueling Stations	<u>Mark Guderjan</u> ; Larry Miller
CSA-B109-XX – Natural gas for vehicles installation code	