



# Safety Codes Council

## MINUTES OF THE FIRST GAS SUB-COUNCIL MEETING OF 2018

**DATE:** January 18, 2018

**TIME:** 9:00 a.m. to 1:25 p.m.

**LOCATION:** Radisson Edmonton South, Edmonton

**PRESENT:** **Sub-Council Members**  
Glen Aspen, Chair  
Mark Guderjan  
Chuck Lemke  
Nathan Lesage  
James Maddocks  
Marcel Mandin  
Larry Miller  
Verne Quiring, Vice Chair  
Jeff Skeith  
Blaine Smetaniuk  
Mike Turek  
Denis Turgeon

**Safety Codes Council**  
Allison Karch, Mark Brodgesell

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

**GUEST:** Dale Walls

**REGRETS:** Bradley Gaida  
Jason Helfrich  
Simon Jolly

**RECORDER:** Sandi Orr

**2018 MEETINGS:** May 17, September 20, November 15

## **1. Meeting Opening**

The meeting was called to order by the Chair at 9:00 a.m. and a round table introduction was held.

### **1.1. Agenda Adoption**

The agenda was reviewed, and the following amendments were made:

- 2.4 – Reappointment of Denis Turgeon
- 2.5 ~~2.4~~ – Appointment of Vice Chair
- 4.9 – Radon
- 4.10 – Furnaces for Construction

**Nathan Lesage / Mike Turek moved to adopt the agenda, as amended; CARRIED**

### **1.2. Previous Minutes**

#### **1.2.1. Adoption of November 23, 2017 Minutes**

The minutes were included in the portal and reviewed. The following corrections were made:

- Last paragraph on page 4 corrected to read: This item will be ongoing ~~from~~ for some time
- Page 6 was corrected to read: After 1 Year Post Implementation,
- On page 7 under Council Connect, the second paragraph was corrected to read: Relative to empowerment, instead of a client contacting the Council and asking for...

**Verne Quiring / Nathan Lesage moved to adopt the minutes of November 23, 2017, as corrected; CARRIED**

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

### **2.1. Letter Ballot 09-17**

The result of the letter ballot was included in the portal and reviewed.

**Nathan Lesage / Mike Turek moved to accept the results of Letter Ballot 09-17 (to accept the course material for Group A, CSA B149.1-15 Natural Gas and Propane Installation Code (Course ID #100163) and Gas, Group A, CSA B149.2-15 Propane Storage and Handling Code (Course ID #100164), as information; CARRIED**

### **2.2. Appointment of Dale Walls**

The nomination was included in the portal and reviewed. Dale Walls removed himself as a guest during the discussion of this agenda item.

**Denis Turgeon / Larry Miller moved to recommend to the Board, the appointment of Dale Walls to the Gas Sub-Council, representing the Manufacturers / Suppliers industry segment for a term until January 31, 2021, effective February 1, 2018; CARRIED**

### 2.3. Reappointment of Simon Jolly

The nomination was included in the portal and reviewed.

**Verne Quiring / Mike Turek moved to recommend to the Board, the reappointment of Simon Jolly to the Gas Sub-Council, representing the Mechanical Contractors industry segment for a term until January 31, 2021, effective immediately; CARRIED**

### 2.4. Reappointment of Denis Turgeon

The nomination was included in the portal.

**Jeff Skeith / Verne Quiring moved to recommend to the Board, the reappointment of Denis Turgeon to the Gas Sub-Council, representing the Education and Training industry segment for a term until January 31, 2021, effective immediately; CARRIED**

### 2.5. Appointment of Vice Chair

With Verne Quiring's retirement, this creates a vacancy of the Vice Chair position.

The floor was opened for nominations and Denis Turgeon was nominated. After 3 calls and no further nominations, ***Denis Turgeon was appointed as the Vice Chair of the Gas Sub-Council, by acclamation.***

The Chair reported that his term expires in January 2019 and there is a need for Sub-Council members to consider this for future discussion.

## 3. Review Matters Arising / Action List

| Date         | Action  | Responsible            | Status/Update         |
|--------------|---|------------------------|-----------------------|
| Sep 15, 2016 | Review and confirm Terms of Reference for all Working Groups<br><b>UPDATE:</b> A project to review Terms of Reference for all working groups on all sub-councils is upcoming<br>Verne Quiring noted that he is Chair of more than 1 working group and there will be a need to revise the Terms of Reference to appoint a new Chair. Verne Quiring agreed to remain on the working groups as a member. | Council Administration | In progress           |
| Sep 15, 2016 | Review draft Combination Heating STANDATA; Glen Aspen volunteered to serve on Joint Working Group; Changes expected to the B214, so this item is currently on hold; STANDATA still available on website as information  | All                    | Nothing new to report |

|                     |   |  |   |
|---------------------|---|--|---|
| <p>Sep 15, 2016</p> | <p>M. Guderjan and L. Miller were asked to work with the Gas Administrator on Building Openings STANDATA relative to conflicts between Building and Gas codes.</p> <p><b>UPDATE:</b> Larry Miller reported on his research on what is occurring in the City of Edmonton with enforcement of the Building Code requirements rather than the Gas Code requirements for new construction but following the Gas STANDATA for furnace replacements. It is believed this is being enforced consistently.</p> <p>Mark Guderjan reported on this research on what is occurring in the City of Calgary. They would like to revisit the 2016 STANDATA regarding 900 mm as it is believed a bit excessive. Zero lot lines create additional challenges.</p> <p><b>NEW ACTION ITEM:</b> Larry Miller and Mark Guderjan will compile the issues in writing and the Gas Administrator will discuss revisiting the Gas STANDATA with the Building Administrator for revisions as a possible Joint STANDATA</p> | <p>Guderjan /<br/>Miller / Lemke /<br/>Jolly / Manning</p> | <p>Revisit STANDATA</p>   |
| <p>Sep 15, 2016</p> | <p>IGAC Report – public document to be circulated to members</p> <p><b>UPDATE:</b> The minutes were shown on screen for the open meeting. These minutes have been included in the portal, under Shared Documents.</p>   | <p>Manning</p>   | <p>Closed, removed from agenda</p>  |
| <p>Sep 15, 2016</p> | <p>Regarding potential exemption for secondary gas lines, bring forward proposal for review by AMA and ASCA.</p> <p><b>UPDATE:</b> This action item was considered closed.</p>  | <p>Skeith</p>  | <p>This item closed, and further discussion is included as a separate agenda item</p> |
| <p>May 25, 2017</p> | <p>It was questioned whether the presentation on Gas Code Requirements for Large Industrial Fired Heaters could be shared with AMA and/or the Council so that the questions and concerns could be reviewed.</p> <p><b>UPDATE:</b> Administrator will be providing a presentation in March 2018 at the IPEIA (International Pressure Equipment Integrity Association) Conference in Banff.</p>   | <p>Aspen /<br/>Saunders / Kutz</p>                         | <p>Request has been made to NOVA Chemicals, still in progress</p>                     |
| <p>Sep 21, 2017</p> | <p>Indicate which IGAC/CSA technical meetings you would like to attend in June 2018 using spreadsheet in portal, as quickly as possible.</p> <p><b>NEW ACTION:</b> The Administrator will provide additional meeting information to be added to the spreadsheets.</p>   | <p>All / Manning /<br/>Karch</p>                           | <p>Ongoing</p>  |

|                             |   |  |  |
|-----------------------------|---|--|--|
| Sep 21, 2017                | Request of IGAC that GSC members attend next meeting in Edmonton.   | Aspen  | Ongoing  |
| Sep 21, 2017                | New members not yet participating on working groups to discuss working group membership with the Chair.<br><b>UPDATE:</b> Glen Aspen agreed to Chair the B149.3 Working Group and will be aggressively pursuing this action item.   | Aspen / All  | Ongoing  |
| Sep 21, 2017                | Create Terms of Reference for Permit Regulation Working Group.<br><b>UPDATE:</b> Draft Terms of Reference has been drawn up and Council Administration will work with Jason Helfrich to bring forward for approval.<br><b>NEW ACTION:</b> Working Group List will be updated.       | Helfrich / Council Administration                    | In progress  |
| Sep 21, 2017 / Nov 23, 2017 | Gas Administrator to continue work on Fueling Stations Hydrogen / Natural Gas. The draft response from the Gas Administrator and ABSA's draft of AB273 – Design, Construction and Inspection of Compressed Natural Gas and Hydrogen Refueling Stations will be added to the portal. | Manning Hydrogen WG                                  | Ongoing discussions with ABSA, part of Working Group mandate |
| Nov 23, 2017                | Follow up regarding AMA's participation on working groups, in particular support in developing 3-column documents.<br><b>UPDATE:</b> Asked to remove AMA staff to the "membership" of working groups. They are still welcomed to support, participate and provide advice.           | Council Administration                               | Completed, removed from action list                          |
| Nov 23, 2017                | Develop draft Terms of Reference for Hydrogen Fueling Stations Working Group.<br><b>UPDATE:</b> Draft Terms of Reference under development and this will be brought to the sub-council for approval.<br><b>NEW ACTION:</b> Working Group List will be updated.                      | Guderjan / Miller / Manning / Council Administration | In progress  |
| Nov 23, 2017                | Post CSA B149.3 Errata in Portal<br><b>UPDATE:</b> In Shared Documents, update provided on the revisions  | Council Administration                               | Completed, removed from agenda list                          |

#### 4. Matters for Discussion

##### 4.1. Secondary Gas Lines

An excerpt from the minutes of February 2, 2017 and further information from the Alberta Mechanical Officials Society (AMOS) were included in the portal and reviewed.

The Vice Chair emphasized that it is believed the most critical aspects to consider regarding this agenda item is the need to ensure public safety.

The Chair noted that because the exemption would have to be included in the Permit Regulation, the decision will likely need to be made at a higher level.

Jeff Skeith reported that it is the opinion of the Federation of Alberta Gas Co-ops and their individual gas co-ops that permitting of secondary gas lines does not create an increase in safety. The gas co-op would ensure that the secondary gas line is locked off until permits are taken out for any additional work. The only exemption would be relative to its own gas co-op members. Any secondary lines installed on behalf of another utility would continue to require a permit.

From the inspector perspective, AMOS members believe that all secondary lines need to be permitted and inspected, regardless of who does the work. Concern was expressed that the gas could be turned on without the Authority Having Jurisdiction being aware on the secondary line installation. It was clarified that in Federal of Alberta Gas Co-op's proposal, a form was created to ensure that all relative parties are notified of any secondary line installation.

Background documentation will be included in the portal for the benefit of new members and for further review by the sub-council. [Council Administration/All]

## **4.2. TCC Report**

The Chair reported on topics that were discussed at the last TCC meeting:

- Alberta Association of Accredited Organization requested a seat on several sub-councils, not just the Gas Sub-Council
- A brief overview was provided regarding the Council's Governance Review which has put the matrix change recommendations on hold

### **4.2.1. Continuing Education for SCOs Working Group Membership**

It was reported that a request will be forthcoming from the Council for a representative from each sub-council to serve on the Working Group.

## **4.3. NOVA Chemicals Update**

During action items, the Chair reported that he has tried to contact Nova Chemicals to get the presentation.

## **4.4. Gas Certification Body & Inspection Body General Meeting Report**

A meeting is scheduled with all Gas Certification Bodies and Inspection Bodies on January 24, 2018. The Chair is unavailable, and a volunteer was sought for participation from this sub-council. Denis Turgeon agreed to represent the sub-council. It was also noted that anyone else could participate via conference call and if so, to advise the Administrator. [All]

Clarification was provided regarding Inspection Bodies no longer being able to approve uncertified equipment if a standard is not available for that product. CBs and IBs are currently issuing a great deal of variances and this process has been greatly streamlined. It was noted, however, that these variances are deviations from the code under the CB or IB authority and are not the same as the variances (or alternative solutions) that are registered with the Council. There may be a need to determine how to collect data on these deviations.

AMA will be establishing clarification to assist SCOs in understanding their role relative to these field approvals.

#### **4.5. Working Group Reports**

Each working group reported the following:

##### **CSA-B149.1-20 – Natural gas and propane installation code**

Verne Quiring has agreed to remain on the working group but a new Chair from the sub-council will be required.

The 3-column document is included in the portal and continues to be reviewed.

##### **CSA-B149.2-20 – Propane storage and handling code**

The 3-column document is included in the portal. The changes are relatively minor and will be reviewed after the meeting.

##### **CSA-B149.3-20 – Code for the field approval of fuel-related components on appliances and equipment**

Verne Quiring has agreed to remain on the working group and Glen Aspen agreed to serve as the working group Chair. The 3-column document is included in the portal and will be reviewed after the meeting.

##### **CSA-B149.5-20 – Installation code for propane fuel systems and tanks on highway vehicles**

The 3-column document is included in the portal and will be reviewed after the meeting.

##### **CSA-B108-17 – Natural gas fuelling stations installation code**

It was reported that the 3-column document is under development and expected to be completed in the next 2 weeks.

##### **CSA-B109-17 – Natural gas for vehicles installation code**

The working group continues to review the changes.

#### **4.6. B149.3-20 Annex J**

The Gas Administrator provided a high-level overview of the proposed changes for Annex J. It was noted this is a complex Annex. This will be reviewed by the working group. It was noted that there are concerns amongst CSA committee members that Annex J is too broad and is insufficient to address public safety. In Alberta, this will be addressed through third-party IBs and CBs to ensure safety is addressed. The item was added as a separate agenda item to simply heighten awareness of the issue. In future, this will be addressed during the working group discussions.

The proposed changes will be added to the working group folder on the portal.

[Council Administration]

#### **4.7. Administrator's Report**

It was clarified that this agenda item was created as other sub-councils include this to provide updates on what other things may be happening in the department or in the discipline.

The Administrator reported on the following:

- Tank filling enforcement issues in the oil field industry and local authorities are not seeing them because they aren't being permitted; even if not permitted, industry still needs to comply with the codes and some propane companies are refusing to fill the tanks; cross-jurisdictional between Gas, ABSA and Alberta Transportation and an overview was provided of the different aspect each jurisdiction looks at; clarification was provided regarding them being approved for transport and therefore can be moved when 100% full; working on trying to get these tanks certified and labeled
- A brief update was provided on other issues that have come forward this past month including home-made equipment, cauldrons, and press swing joints

#### **4.8. Council Updates**

The following was reported:

- Members were reminded that nominations for the Dr. Sauer Award are being accepted now until March 30, 2018. Nomination forms are available on the main page of the portal. The award recognizes an exceptional sub-council member and members were encouraged to submit a nomination.
- The two other award nomination applications are also available on the portal.
- The Council would like to move the annual matrix review to be finalized by May each year.
- Effective Meetings Training and Appeals Training workshops are scheduled for April 11-12 and Oct 17-18.

Members were reminded that the Council is moving offices in April 2018 and meeting space will be available for all sub-council meetings to be held there. Information is being gathered to assist Council Members like accommodations, parking, etc. Members were asked about any suggestions that would ease the transition, which is planned for the fall 2018.

#### **4.9 Radon**



An overview was provided regarding some of the issues that are being encountered because of unfinished concrete beneath the furnaces. It is believed there is a need to address the issue. Although some ensure a finished floor, this is not happening in all cases and this creates a safety issue.

The Chair will bring the matter up at the TCC and with the Building Sub-Council Chair. [Aspen]

#### **4.10 Furnaces for Construction**

It was reported that some furnace contractors in the Wood Buffalo area are being put in a bad position as they have been instructed to install furnaces during construction for temporary heat, but the furnaces are not certified for such a use.

It was questioned what it would take to get a heater certified for temporary heat. It was reported that there are a few manufacturers that are pursuing this certification for heaters that could then be moved from site to site.

It was reported that both BC and Ontario have issued bulletins similar to the Gas Information Bulletin that was issued in Alberta in 2017. BC has specifically said if you use a furnace during construction that is not certified for that use, it must be thrown away.

A brief discussion was held about what practices are being used throughout various areas in the province. It is believed that SCOs are doing their best to ensure compliance but it won't always be easy to enforce.

### **5. Meeting Finalization**

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

A round table discussion was held. Verne Quiring thanked everyone for the opportunity to work with all the sub-council members over the past 9 years. Verne Quiring was thanked for his contribution to the gas sub-council and the safety system.

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

The next meeting was reconfirmed for Thursday, May 17, 2018 at 9:00 a.m. in Edmonton.

##### **5.2.1. 2018 Conference & AGM: May 30 – June 1, 2018, Rimrock Hotel, Banff AB**

Members were reminded that the AGM and Conference will be May 30 to June 1, 2018 at the Rimrock Hotel in Banff. Registration will begin in about mid-February.

New members were advised that all expenses for sub-council members are covered by the Council. The speakers are great, and it is an excellent opportunity to interact with other sub-councils. The Chair encouraged all members to participate.

**5.3. Meeting Adjournment**

**Verne Quiring / Mike Turek moved that the meeting be adjourned; CARRIED**

The meeting was adjourned at 1:25 p.m.

**6. Working Group Afternoon Breakout**

Working Group meetings were held after the sub-council meeting.

--- NEW ACTION ITEMS ---

**4.1. Secondary Gas Lines**

Background documentation will be included in the portal for the benefit of new members and for further review by the sub-council. [Council Administration/All]

**4.4. Gas Certification Body & Inspection Body General Meeting Report**

Denis Turgeon agreed to represent the sub-council. It was also noted that anyone else could participate via conference call and if so, to advise the Administrator. [All]

**4.6. B149.3-20 Annex J**

The proposed changes will be added to the working group folder on the portal. [Council Administration]

**4.9 Radon**

The Chair will bring the matter up at the TCC and with the Building Sub-Council Chair. [Aspen]

--- MOTIONS ---

**1.1. Agenda Adoption**

**Nathan Lesage / Mike Turek moved to adopt the agenda, as amended; CARRIED**

**1.2.1. Adoption of November 23, 2017 Minutes**

**Verne Quiring / Nathan Lesage moved to adopt the minutes of November 23, 2017, as corrected; CARRIED**

**2.1. Letter Ballot 09-17**

**Nathan Lesage / Mike Turek moved to accept the results of Letter Ballot 09-17 (to accept the course material for Group A, CSA B149.1-15 Natural Gas and Propane Installation Code (Course ID #100163) and Gas, Group A, CSA B149.2-15 Propane Storage and Handling Code (Course ID #100164), as information; CARRIED**

**2.2. Appointment of Dale Walls**

**Denis Turgeon / Larry Miller moved to recommend to the Board, the appointment of Dale Walls to the Gas Sub-Council, representing the Manufacturers / Suppliers industry segment for a term until January 31, 2021, effective February 1, 2018; CARRIED**

**2.3. Reappointment of Simon Jolly**

**Verne Quiring / Mike Turek moved to recommend to the Board, the reappointment of Simon Jolly to the Gas Sub-Council, representing the Mechanical Contractors industry segment for a term until January 31, 2021, effective immediately; CARRIED**

**2.4. Reappointment of Denis Turgeon**

**Jeff Skeith / Verne Quiring moved to recommend to the Board, the reappointment of Denis Turgeon to the Gas Sub-Council, representing the Education and Training industry segment for a term until January 31, 2021, effective immediately; CARRIED**

**2.5. Appointment of Vice Chair**

***Denis Turgeon was appointed as the Vice Chair of the Gas Sub-Council, by acclamation.***

**5.3. Meeting Adjournment**

**Verne Quiring / 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><br>Jeff Skeith; Mike Turek; Denis Turgeon; Simon Jolly; Chuck Lemke; Verne Quiring |
| CSA-B149.2-20 – Propane storage and handling code  | <u>Jason Helfrich</u><br>Jeff Skeith; Mike Turek; Verne Quiring; Denis Turgeon               |
| CSA-B149.3-20 – Code for the field approval of fuel-related components on appliances and equipment | <u>Glen Aspen</u><br>Denis Turgeon; James Maddocks; Verne Quiring                            |
| CSA-B149.5-20 – Installation code for propane fuel systems and tanks on highway vehicles           | <u>Marcel Mandin</u><br>Jason Helfrich; Nathan Lesage (AMA – Perry Wager)                    |
| CSA-B108-17 – Natural gas fuelling stations installation code                                      | <u>Nathan Lesage</u><br>Marcel Mandin; Blaine Smetaniuk or designate                         |
| CSA-B109-17 – Natural gas for vehicles installation code   | <u>Marcel Mandin</u><br>Nathan Lesage; Blaine Smetaniuk or designate                         |