



# Safety Codes Council

## MINUTES OF THE SECOND GAS SUB-COUNCIL MEETING OF 2020

**DATE:** April 23, 2020

**TIME:** 9:00 a.m. to 11:40 a.m.

**LOCATION:** Teleconference

**PRESENT:** **Sub-Council Members**  
Jason Helfrich, Chair  
Cody Christman  
Mark Guderjan  
Roy Herrington  
Cindy Kieu  
Chuck Lemke  
Nathan Lesage  
James Maddocks  
Marcel Mandin  
Larry Miller  
Randy Saunders  
Mike Turek  
Dale Walls

**Safety Codes Council**  
Kathryn Derkach, Jennifer Johnson, Susan Rossmann

**Alberta Municipal Affairs**  
Sidney Manning  
Bohdan Yard  
Claude Valliere  
Tom Knull

**REGRETS:** Ron Beaudette  
Jeff Skeith  
Paul Delano

**GUESTS:** Gerald Bartels, Superior Propane

**RECORDER:** Jennifer Johnson

**2020 MEETINGS:** Permit Regulation May 28, September 24, November 26

## 1. Meeting Opening

The Chair called the meeting to order at 9:07 a.m.

### 1.1 Agenda Adoption

The following items were added to the agenda:

- 4.6 UL Joint Committee Member Request

**Dale Walls / Mike Turek moved that the agenda be adopted, as amended; CARRIED.**

### 1.2 Adoption of the February 12, 2020 Minutes

**Marcel Mandin / Dale Walls moved to adopt the minutes of the February 12, 2020 meeting, as circulated; CARRIED.**

## 2. Matters for Decision

### 2.1. Closed Session

**Mark Guderjan / Roy Herrington motioned to move into Closed session; CARRIED.**

**Roy Herrington / Larry Miller motioned to move out of Closed session; CARRIED.**

#### 2.1.1. Appointment of Darcy Toner to represent Education and Training

**Roy Herrington / Mike Turek moved to recommend to the Board appointment of Darcy Toner to the Gas Sub-Council to represent Education and Training for a term ending January 31, 2023 effective immediately; CARRIED.**

### 2.2. Skills Matrix

Document was reviewed. Outstanding members will submit their skills and document will be updated and brought back to next meeting for approval.

[Council Administration]

### 2.3 Adoption of:

#### 2.3.1. B149.1:20

It was acknowledged that moving engines out of the code is creating some challenges and further discussion needs to happen around this.

**Mark Guderjan / Chuck Lemke recommend that B149.1:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.**

### 2.3.2. B149.2:2

Mark Guderjan / Roy Herrington recommend that B149.2:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

### 2.3.3. B149.3:20

Mark Guderjan / Cody Christman recommend that B149.3:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

### 2.3.4 B149.5:20

Marcel Mandin / Roy Herrington recommend that B149.5:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

## 2.4. Adoption of B149.6:20

The Administrator reminded the sub-council this code is not currently included under the timely code adoption process and if there is support for Municipal Affairs to open the gas code regulation this code will be brought back and added to the agenda at that time.

Roy Herrington / Jim Maddocks recommend that B149.6:20 be approved as presented, with no Alberta-specific changes; CARRIED.

## 3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	Combination Heating STANDATA	Review draft Combination Heating STANDATA <b>UPDATE:</b> Although expired, still being used as best practices	Sep 15/16	Beaudette	On hold.
		Provide updates on B214, which may impact the content of the STANDATA and/or whether it is required.	Sep 15/16	Manning	Ongoing. Working with plumbing sub-council, waiting for their next meeting to have them review the STANDATA and make recommendations.
2.	CAN/BNQ 1784-000	Code recommended for adoption by GSC on Nov 15/18; AMA to provide updates on adoption as available.	Nov 15/18	AMA	On hold
3.	Review of CSA B149.6	Review B149.6 and make a recommendation on adoption to prepare for possible amendments to the Gas Code Regulation.	Nov 21/19	CSA B149.6 Working Group	Agenda Item 2.4

4.	Cylinders Below Grade at Construction Sites	A draft code change request will be put together	Feb 12/20	Guderjan / Miller	Ongoing
----	---	--	-----------	-------------------	---------

## 4. Matters for Discussion

### 4.1. Permit Regulation

The Administrator reminded the sub-council that while the permit regulation is being re-opened there is an opportunity to provide input. There will be a meeting on May 28<sup>th</sup> to discuss these items in greater detail. Members are asked to review the gas portion of the permit regulation and send feedback, comments or suggestions to Kathryn or Jason by May 8<sup>th</sup> for inclusion on the agenda.

[All]

The sub-council requested information be provided on previous discussions related to secondary lines.

[Council Administration]

### 4.1. STANDATA Review

#### 4.2.1 Mechanically Vented Appliances

**Nathan Lesage / Roy Herrington moved to recommend to Municipal Affairs the 14-BCI-004 Mechanically Vented Appliances STANDATA be maintained; CARRIED.**

#### 4.2.2. Mobile Temporary Cooking Equipment

**Roy Herrington / Mike Turek moved to recommend to Municipal Affairs the 14-FCI-003 Mobile Temporary Cooking Equipment STANDATA be maintained; CARRIED.**

#### 4.3.3. Propane Storage Tanks Designed for 200 PSIG

The following was discussed:

CPA is moving towards taking these tanks entirely out of service by 2024 so it was noted that the STANDATA should align with CSA B51-14. It was suggested that the STANDATA be maintained with changes and that the Administrator confer with ABSA to ensure alignment with their bulletin regarding service intervals. Will be brought to a future meeting.

[Administrator]

#### 4.2.4. Replacement Parts for Gas-Fired Appliance

**Roy Herrington / Mark Guderjan moved to recommend to Municipal Affairs the G-01-03-B149 (Rev 2) Replacement Parts for Gas-Fired Appliance STANDATA be removed; CARRIED.**

#### 4.2.5. Sidewall Vent Terminations

It was discussed that this STANDATA should be updated based on the new version of the code. Will be revised and brought to the next meeting.

[Administrator]

#### **4.2.6. Direct Vent Appliances and Equipment Requiring ULC S636 Certified Venting Systems**

**Roy Herington / Mike Turek moved to recommend to Municipal Affairs the G-01-11 (Rev 1) Direct Vent Appliances and Equipment Requiring ULC S636 Certified Venting Systems STANDATA be removed; CARRIED.**

#### **4.2.7. Door air heaters, Direct fired makeup air heaters and non-recirculating direct gas-fired industrial air heaters**

**Dale Walls / Roy Herington moved to recommend to Municipal Affairs the G-01-13 Door air heaters, Direct fired makeup air heaters and non-recirculating direct gas-fired industrial air heaters STANDATA be maintained; CARRIED.**

#### **4.2.8. Walkways and Guard Rails**

**Roy Herington / Larry Miller moved to recommend to Municipal Affairs the G-01-14 (Rev 1) Walkways and Guard Rails STANDATA be maintained; CARRIED.**

#### **4.2.9. Gas Fired Appliances Used for Heating Buildings Under Construction**

**Chuck Lemke / Mark Guderjan moved to recommend to Municipal Affairs the G-01-17 (Rev 1) Gas Fired Appliances Used for Heating Buildings Under Construction STANDATA be maintained; CARRIED.**

#### **4.2.10 Uncertified Appliances Require Special Instruction and Approval**

Will be brought to to next meeting, Randy Saunders to provide feedback to the Administrator.

[Saunders]

#### **4.2.11. Appliances and Equipment Require Special Certification for Installation at High Altitude**

It was noted that this STANDATA needs to be updated to bring it in line with the latest code revision.

**Dale Walls / Mike Turek moved to recommend to Municipal Affairs the G-02-10 (Rev 1) Appliances and Equipment Require Special Certification for Installation at High Altitude STANDATA be maintained with modifications; CARRIED.**

#### **4.2.12. Liquefied Petroleum Gas Storage Vessel Installations**

**Jim Maddocks / Roy Herrington moved to recommend to Municipal Affairs the G-02-11-ABSA (Rev 1) Liquefied Petroleum Gas Storage Vessel Installations STANDATA be maintained; CARRIED.**

#### **4.2.13. Legacy Equipment Management Systems**

**Randy Saunders / Roy Herrington moved to recommend to Municipal Affairs the G-02-14 (Rev 2) Legacy Equipment Management Systems STANDATA be removed; CARRIED.**

#### **4.2.14. Fuel Gas Pressure Piping in Plants**

This STANDATA was deferred until the next meeting, Randy Saunders and Roy Herrington will provide the Administrator with feedback.

[Saunders/Herrington]

#### **4.2.15. Outdoor Propane Appliances located on Roofs, Decks, and Balconies**

**Dale Walls / Roy Herrington moved to recommend to Municipal Affairs the G-05-01-B149 (Rev 3) Outdoor Propane Appliances located on Roofs, Decks, and Balconies STANDATA be maintained; CARRIED.**

#### **4.2.16. Residential Appliance Venting, Vent Connectors and Liners**

**Roy Herrington / Cody Christman moved to recommend to Municipal Affairs the G-05-02-B149.1 Residential Appliance Venting, Vent Connectors and Liners STANDATA be maintained; CARRIED.**

#### **4.2.17. Damage Due to Strain from Building Settlement**

**Roy Herrington / Jim Maddocks moved to recommend to Municipal Affairs the G-06-06-B149.1/B149.2 (Rev 2) Damage Due to Strain from Building Settlement STANDATA be removed; CARRIED.**

#### **4.2.18. Temporary Heat for Construction Sites**

This STANDATA was deferred until the next meeting, Roy Herrington will provide feedback to the Administrator.

[Herrington]

#### **4.2.19. Requirements for Combination Heating Systems**

It was noted that this STANDATA has expired and will be removed.

#### **4.2.20. Automated Cylinder Exchange Machines**

It was noted that this Variance will expire on February 1, 2021 when the new code comes into effect and no action needs to be taken.

#### **4.2.21. Service Regulators with Limited Capacity Relief and Over Pressure Cut-Off LR OPCO Service Regulators**

It was noted that this Variance will expire on February 1, 2021 when the new code comes into effect and no action needs to be taken.

#### **4.2.22. Engineer Authentication at Oil and Gas Production Facilities**

This Variance was deferred until the next meeting, Randy Saunders and Jim Maddocks to provide feedback to the Administrator.

[Saunders/ Maddocks]

#### **4.3. Working Group Reports**

None identified.

#### **4.4. Administrator/AMA Report**

A written report is posted in the member portal and updates were provided on:

- Covid-19 has caused cancellations of all national B149 meetings. Work will continue via teleconferences, some challenges are anticipated but there is still an expectation the work needs to be done and will continue.
- Interprovincial Gas Advisory Council – Health Canada has initiated reporting of incidents.
- Letter has been issued recognizing existing certificates in the propane industry for 120 days as some may have expired during self-isolation.

#### **4.5. Council Updates**

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

- New working group procedures are now in place
- Covid-19 impact: AGM and the conference have been postponed; Safety Codes Council office is closed to the public

#### **4.6 UL Joint Committee**

The Administrator reported that UL is working with CSA to develop harmonized standards. Marcel Mandin volunteered to represent the Safety Codes Council on the joint committee, Mr. Manning will coordinate and introduction.

[Manning / Mandin]

### **5. Meeting Finalization**

**5.1. Next Meetings:** Permit Regulation Review May 28, September 24, November 26

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

**Nathan Lesage / Marchel Mandin moved to adjourn the meeting at 11:40 am; CARRIED.**

**– NEW ACTION ITEMS –**

**2.2. Skills Matrix**

Document was reviewed and is almost complete. Outstanding members will submit their skills and document will be updated and brought back to next meeting for approval.

[Council Administration]

**4.1. Permit Regulation**

The Administrator reminded the sub-council that while the permit regulation is being re-opened there is an opportunity to provide input. There will be a meeting on May 28<sup>th</sup> to discuss these items in greater detail. Members are asked to review the gas portion of the permit regulation and send feedback, comments or suggestions to Kathryn or Jason by May 8<sup>th</sup> for inclusion on the agenda.

[All]

The sub-council requested information be provided on previous discussions related to secondary lines.

[Council Administration]

**4.3.3. Propane Storage Tanks Designed for 200 PSIG**

The following was discussed:

CPA is moving towards taking these tanks entirely out of service by 2024 so it was noted that the STANDATA should align with CSA B51-14. It was suggested that the STANDATA be maintained with changes and that the Administrator confer with ABSA to ensure alignment with their bulletin regarding service intervals. Will be tabled and brought back to next meeting.

[Administrator]

**4.2.5. Sidewall Vent Terminations**

It was discussed that this STANDATA should be updated based on the new version of the code. Will be revised and tabled to the next meeting.

[Administrator]

**4.2.10 Uncertified Appliances Require Special Instruction and Approval**

Tabled to next meeting, Randy Saunders to provide feedback to the Administrator.

[Saunders]

**4.2.14. Fuel Gas Pressure Piping in Plants**



This STANDATA was tabled for the next meeting, Randy Saunders and Roy Herrington will provide the Administrator with feedback.

[Saunders/Herrington]

#### **4.2.18. Temporary Heat for Construction Sites**

This STANDATA was tabled for the next meeting, Roy Herrington will provide feedback to the Administrator.

[Herrington]

#### **4.2.22. Engineer Authentication at Oil and Gas Production Facilities**

This Variance was tabled to the next meeting, Randy Saunders and Jim Maddocks to provide feedback to the Administrator.

[Saunders/Maddocks]

#### **4.6 UL Joint Committee**

The Administrator reported that UL is working with CSA to develop harmonized standards. Marcel Mandin volunteered to represent the Safety Codes Council on the joint committee, Mr. Manning will coordinate and introduction.

[Manning / Mandin]

**– MOTIONS –**

**1.1 Agenda Adoption**

Dale Walls / Mike Turek moved that the agenda be adopted, as amended; CARRIED.

**1.2 Adoption of the February 12, 2020 Minutes**

Marcel Mandin / Dale Walls moved to adopt the minutes of the February 12, 2020 meeting, as circulated; CARRIED.

**2.1. Closed Session**

Mark Guderjan / Roy Herrington motioned to move into Closed session; CARRIED.

Roy Herrington / Larry Miller motioned to move out of Closed session; CARRIED.

**2.1.1. Appointment of Darcy Toner to represent Education and Training**

Roy Herrington / Mike Turek moved to recommend to the Board appointment of Darcy Toner to the Gas Sub-Council to represent Education and Training for a term ending January 31, 2023 effective immediately; CARRIED.

**2.3 Adoption of:**

**2.3.1. B149.1:20**

Mark Guderjan / Chuck Lemke recommend that B149.1:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

**2.3.2. B149.2:2**

Mark Guderjan / Roy Herrington recommend that B149.2:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

**2.3.3. B149.3:20**

Mark Guderjan / Cody Christman recommend that B149.3:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

**2.3.4 B149.5:20**

Marcel Mandin / Roy Herrington recommend that B149.5:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

**2.4. Adoption of B149.6:20**

Roy Herrington / Jim Maddocks recommend that B149.6:20 continue through the timely code adoption process, as published, with no Alberta-specific changes; CARRIED.

#### **4.2.1 Mechanically Vented Appliances**

**Nathan Lesage / Roy Herrington moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

#### **4.2.2. Mobile Temporary Cooking Equipment**

**Roy Herrington / Mike Turek moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

#### **4.2.4. Replacement Parts for Gas-Fired Appliance**

**Roy Herrington / Mark Guderjan moved to recommend to Municipal Affairs this STANDATA be removed; CARRIED.**

#### **4.2.6. Direct Vent Appliances and Equipment Requiring ULC S636 Certified Venting Systems**

**Roy Herrington / Mike Turek moved to recommend to Municipal Affairs this STANDATA be removed; CARRIED.**

#### **4.2.7. Door air heaters, Direct fired makeup air heaters and non-recirculating direct gas-fired industrial air heaters**

**Dale Walls / Roy Herrington moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

#### **4.2.8. Walkways and Guard Rails**

**Roy Herrington / Larry Miller moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

#### **4.2.9. Gas Fired Appliances Used for Heating Buildings Under Construction**

**Chuck Lemke / Mark Guderjan moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

#### **4.2.11. Appliances and Equipment Require Special Certification for Installation at High Altitude**

**Dale Walls / Mike Turek moved to recommend to Municipal Affairs this STANDATA be maintained with modifications; CARRIED.**

#### **4.2.12. Liquefied Petroleum Gas Storage Vessel Installations**

**Jim Maddocks / Roy Herrington moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

#### **4.2.13. Legacy Equipment Management Systems**

**Randy Saunders / Roy Herrington moved to recommend to Municipal Affairs this STANDATA be removed; CARRIED.**

#### **4.2.15. Outdoor Propane Appliances located on Roofs, Decks, and Balconies**

**Dale Walls / Roy Herrington moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

#### **4.2.16. Residential Appliance Venting, Vent Connectors and Liners**

**Roy Herrington / Cody Christman moved to recommend to Municipal Affairs this STANDATA be maintained; CARRIED.**

**4.2.17. Damage Due to Strain from Building Settlement**

**Roy Herrington / Jim Maddocks moved to recommend to Municipal Affairs this STANDATA be removed; CARRIED.**

– WORKING GROUP MEMBER LISTS –

<b>WORKING GROUP</b>	<b>WORKING GROUP MEMBERS (<u>Chair</u>)</b>
CSA-B149.1-20 – Natural gas and propane installation code	<b><u>Chuck Lemke</u></b> Jeff Skeith; Mike Turek; Paul Delano; Ron Beaudette
CSA-B149.2-20 – Propane storage and handling code	<b><u>Jason Helfrich</u></b> Jeff Skeith; Mike Turek; Ron Beaudette
CSA-B149.3-20 – Code for the field approval of fuel-related components on appliances and equipment	<b><u>VACANT</u></b> James Maddocks; Dale Walls; Roy Herrington;
CSA-B149.5-20 – Installation code for propane fuel systems and tanks on highway vehicles CSA-B109-XX – Natural gas for vehicles installation code	<b><u>Marcel Mandin</u></b> Jason Helfrich; Nathan Lesage (AMA – Perry Wager)
CSA-B149.6-20 Biogas and Landfill Gas Code	<b><u>Paul Delano</u></b> Nathan Lesage; Mark Guderjan
CSA-B108-18 – Natural gas fueling stations installation code	<b><u>Nathan Lesage</u></b> Marcel Mandin, Paul Delano
Hydrogen Fueling Stations	<b><u>Mark Guderjan</u></b> Larry Miller