



**MINUTES OF THE
FIFTH FIRE SUB-COUNCIL MEETING OF 2022**

DATE: November 17, 2022

TIME: 9:01 a.m. to 10:39 a.m.

LOCATION: Videoconference

PRESENT: *Sub-Council Members*

Chris Taylor, Chair
Cameron Bardas
Mike Bradford
Barry Fielden
Greg Wolf
Mark Heiderich
Cammie Laird
Hunter Langpap, Vice Chair
John Penzo
Jamie Vasseur
Stephen Suen
Abbas Abbas
Glenn Baxter

Safety Codes Council

Allison Karch, Kathryn Derkach

Alberta Municipal Affairs

Tina Parker, Cindy Yan

REGRETS: Marc Chayer

GUESTS: Colin Belliveau, BSC Liaison; Mark Wilson, ECAA

RECORDER: Allison Karch

2023 MEETINGS: January 26, March 2, May 18, 2023

1. Meeting Opening

The Chair called the meeting to order at 9:01 a.m. A round table introduction was held and videoconference functionality was reviewed. Members were reminded that their primary duty is to act in the interest of safety in the built environment for the benefit of all Albertans and real and perceived conflicts of interest must be avoided.

1.1 Agenda Adoption

Glenn Baxter / Cameron Bardas moved that the agenda be adopted, as circulated; CARRIED

1.2 Adoption of the September 15, 2022 Minutes

Jamie Vasseur / Cammie Laird moved to adopt the minutes of the September 15, 2022 meeting, as circulated; CARRIED

2. Matters for Decision

2.1. Closed Session

John Penzo / Barry Fielden moved to enter into closed session; CARRIED

Glenn Baxter / Barry Fielden moved to exit closed session; CARRIED

2.1.1. Nomination of William Ross to represent Accredited Corporations

Cameron Bardas / John Penzo moved to recommend to the Board appointment of William Ross to the Fire Sub-Council to represent Accredited Corporations for a term ending January 31, 2026, effective February 1, 2023; CARRIED

3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	Qualified Persons Registry (E.2.06.11)	Communicate status of registry	Nov 23/16	Orr	No update available.

4. Matters for Discussion

4.1. STANDATA Review

A list of all current Fire STANDATA with comments from Municipal Affairs, with the exception of portal fire extinguishers at unstaffed remote facilities which is being reviewed by the affected stakeholder group, was posted in the portal and reviewed. Members were asked to review the list prior to the next meeting and consider which STANDATA will need to be revised and reissued when the new code edition is published and which will become redundant under the new code. Members were asked to review all STANDATA, even the ones marked with a comment from Municipal Affairs that they are not expected to be reissued.

Each STANDATA will be reviewed in detail at the next meeting and members were asked to bring their comments to the next meeting. Any substantial or pressing comments can be sent to the Provincial Fire Administrator prior to the meeting. [All]

4.2. Working Group Reports

4.2.1. Code Review

Vice Chair Hunter Langpap chaired this item.

The following was reported:

- Met last week, notes are in the portal.
- Municipal Affairs brought 3 items for discussion:
 - Wording changes were made to reference iron pipe thread (IPT) or National Pipe Straight Hose (NPSH) to update to current terminology. A note was also added to explain what “couplings and fittings” includes.

Chris Taylor / Abbas Abbas move that the Fire Sub-Council support the language change to 6.9.1.1.; CARRIED

- Municipal Affairs proposed moving information regarding spills and leaks into Division C. The working group provided comments back, which are being considered. This will be discussed again at the next working group meeting.
- Relocatable structures will be removed due to harmonization. A code change request to the NFC regarding industrial relocatable structures will be drafted and placed in the working group shared documents folder once complete.

4.2.2. Exterior Insulation

The following was discussed:

- The group has almost completed development of a digital model that looks specifically at single family homes under Part 9.
- It was difficult to find a real-world full scale test to base the model on. The group started with NRC full scale study of spatial separation from 2009 but it didn't provide enough information. Another test with very similar conditions was found and using both of them allowed good validation of the model.
- The group will meet in November to input variables being considered into the model and will provide a report at the January meeting.

4.2.3. Shipping Containers

The following was discussed:

- The proposed draft STANDATA is being circulated to PSC, GSC, and ESC for support in issuing as a joint STANDATA for improved awareness and to reinforce the need for permits for any plumbing, gas, and electrical installations in the containers.
- FSC will not dissolve this working group yet in case there are any further comments arising from other disciplines that need to be addressed.

4.3. BSC Liaison Report

The BSC Liaison reported on the two BSC meetings that have taken place since the last FSC meeting:

- Sept 22:
 - Concerns from the craft distilling industry were reported. The outcome of the previous working group and the notice issued by Municipal Affairs did not seem to resolve the issues that the industry is encountering.
 - Can-UL2600 anticipated to be adopted, which would allow for removal of Part 10 Relocatable Industrial Accommodations from the NBC(AE).
 - Instances were reported of medical procedures in Group D occupancies that feature sedation and overnight care and concern was expressed that these procedures may be veering into the type seen in care occupancy.
- November 10:
 - A motion was passed to support the Occupant Load STANDATA as presented.
 - The Provincial Building and Fire Administrators are working with Children's Services regarding their licensing requirements for fire inspections, as questions have arisen about what type of inspection it needs to be and whether an SCO must perform it.
 - Bryce Parsons of the Alberta Craft Distillers Association presented to BSC about issues being encountered by industry regarding permit approvals for distilleries with attached restaurants/tasting rooms. The output of the past working group on this topic was discussed, and industry noted other jurisdictions that are allowing modified F2 classifications for small distilleries. The association has not yet put forward a code change request to NRC to allow a small-scale distillery to be an F2 rather than F1.
 - A member noted reported that they have seen alternative solutions using the Dow F&EI that are lacking in terms of code requirements, and that there seems to be gaps in the alternative solution model being used for small distilleries.
 - Articles from NFPA and examples from small scale explosions that resulted in injury and death seem to negate the idea that small scale equals small risk.

Hunter Langpap / Abbas Abbas move to create a joint working group with BSC to review alternative solutions being used in other jurisdictions and the alternative solution process being used in Alberta regarding small-scale distilleries; CARRIED with one abstention (Cameron Bardas)

Glenn Baxter / Abbas Abbas moved that the working group bring forward an interim report at the May 2023 meeting; CARRIED with one abstention (Cameron Bardas)

Hunter Langpap / Jamie Vasseur moved that the working group members include Glenn Baxter (as co-chair), Mike Bradford, and Hunter Langpap with industry membership and support from Municipal Affairs as needed; CARRIED with one abstention (Cameron Bardas)

It was noted that distilleries would require a hazardous location classification under the electrical discipline. This topic will be forwarded to the Electrical Sub-Council for consideration. [Council Administration]

4.4. Reference Standards

4.4.1. NRC Fire Protection

There is no update available.

4.4.2. CSA

There is no update available.

4.4.3. ULC

UL2600 standard for relocatable buildings: there is nothing to report as there has been no activity lately. It was noted that Part 10 is anticipated to be removed from a future NBC(AE) and this standard adopted instead.

4.5. Administrator/AMA Report

The Provincial Fire Administrator reported:

- A reminder that the Codes Canada public review of the NBC, NFC, and NPC closes December 23.
- Appendix G Guidelines for Impact Analysis for CCBFC Committees was posted on the portal for members' awareness. These guidelines are helpful in the creation of code change proposals, which can be submitted to NRC by any organization or individual.

4.6. Council Updates

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

- The Council will be holding a holiday open house in December for members and other stakeholders.
- The Council is currently recruiting a Fire SCO for the Storage Tanks team. Please see the posting on the [Council Careers page](#) and circulate to your network.
- The Council office will be closed from December 24 to January 2 inclusive.
- A cyber security policy which applies to members was recently issued; members are asked to review the policy and keep their responsibilities in mind.

5. Meeting Finalization

5.1. Round Table

- California will require insurance companies to provide better rates for homes and businesses that undertake wildfire risk mitigation.
- A member noting seeing a ball-type fire extinguisher that was constructed overseas and had no certification. The Portable Fire Extinguishers STANDATA is clear that only certified/recognized fire extinguishers are allowed. The Provincial Fire Administrator requested that members forward information if they see uncertified devices being offered for sale.
- Fire authorities are getting requests from media outlets for data on lithium ion batteries based on reports from other jurisdictions, but the NFC(AE) doesn't address lithium ion batteries specifically.

- The member representing Accredited Corporations will be bringing forward draft STANDATA content about fire extinguishers at remote unstaffed locations after discussions with Municipal Affairs.

5.2. Next Meeting

The next meeting was reconfirmed for January 26, 2023, at the Council office at 9:00 a.m.

It was noted that the March FSC meeting is very close to the January meeting. It was decided to keep the January meeting date as planned and to re-evaluate at that point whether a March meeting would be needed or whether the March and May meetings could be cancelled in favour of an April meeting.

5.3. Meeting Adjournment

Barry Fielden / Cameron Bardas moved to adjourn the meeting; CARRIED

The meeting was adjourned at 10:39 a.m.

– NEW ACTION ITEMS –

4.1. STANDATA Review

Each STANDATA will be reviewed in detail at the next meeting and members were asked to bring their comments to the next meeting. Any substantial or pressing comments can be sent to the Provincial Fire Administrator prior to the meeting. [All]

4.3. BSC Liaison Report - small distilleries

It was noted that distilleries would require a hazardous location classification under the electrical discipline. This topic will be forwarded to the Electrical Sub-Council for consideration. [Council Administration]

– MOTIONS –

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– WORKING GROUP MEMBER LISTS –

WORKING GROUP	WORKING GROUP MEMBERS (Chair)
Code Review	<u>Chris Taylor</u> Glenn Baxter, Hunter Langpap, Marc Chayer, Jamie Vasseur Municipal Affairs: Cindy Yan
Exterior Insulation (Joint w/ BSC) <i>formed Nov 25, 2021</i>	<u>Cameron Bardas (FSC co-chair), David Flanagan (BSC co-chair)</u> Mark Heiderich, Rick Gratton, Keith Jansen
Shipping Containers (Joint w/ BSC) <i>formed Nov 25, 2021</i>	<u>Glenn Baxter (FSC co-chair), Corey Klimchuk (BSC co-chair)</u> Mark Heiderick, John Penzo, Marc Royer, Keven Lefebvre, Laura Ritchie, Keith Jansen, Darin Sceviour, Zachary Walker
Large Farm Structures (Joint w/ BSC) <i>formed March 3, 2022</i>	Stephen Hill, Keven Lefebvre, Mike Bos, Mark Heiderich, and Cammie Laird, and agricultural industry members as needed, with Municipal Affairs support
Small Distilleries (Joint w/ BSC) <i>formed November 2023</i>	<u>Glenn Baxter (FSC co-chair), Zac Walker (BSC co-chair)</u> Mike Bradford, Hunter Langpap, Matthew Kramer, Laura Ritchie, Justin Pockar Distilling industry: Bryce Parsons AMA support: Paul Chang, Mike Baker