



## MINUTES OF THE FIFTH BUILDING SUB-COUNCIL MEETING OF 2018

**DATE:** November 8, 2018

**TIME:** 8:30 a.m. to 3:15 p.m.

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

**PRESENT:** **Sub-Council Members**  
Don Dessario, Chair  
Colin Belliveau  
Russell Croome, Vice Chair North  
David Flanagan  
Rick Gratton  
Corey Klimchuk  
Robert Kralka  
Matthew Kramer  
Lee Phillips  
Bruce Schultz, Vice Chair South  
Ulrik Seward  
Andrew Smith

**Safety Codes Council**  
Allison Karch, Peter Thomas, Andrea Snow, Tyler Wightman (for item 4.2. only),  
Danielle Paradis (for item 4.2. only)

**Alberta Municipal Affairs**  
Paul Chang, Laura Willcocks, Renna Alqasrani

**Guests**  
Tang Lee (BFSC Liaison), Gerry Wiles (ESC Liaison)  
Refrigeration Industry Representatives (for item 4.1. only): Mark Ohe, Mike Harper (via conference call), Robb Stoddard, Brian Hearn, Don Smith, Daryl Canning, Brian Rooney, Ben Kozar, Greg Albert

**REGRETS:** Greg Beck, Stephen Hill, Kenneth Roskell, Darin Sceviour, Michael Bos (FSC Liaison)

**RECORDER:** Sandi Orr

**2019 MEETINGS:** January 17, March 21, May 9, September 12, November 7

**CONFERENCE:** May 29 to 31, 2019

## **1. Meeting Opening**

The Chair called the meeting to order at 8:33 a.m. A round table introduction was held.

### **1.1. Agenda Adoption**

The following items were added to the agenda:

- 4.11 – Classification of Buildings re: Cannabis
- 4.12 – Venting for Fire Fighting
- 4.13 – Tiny Houses

**Robert Kralka / Rick Gratton moved that the agenda be adopted as amended, with a flexible order of business to allow for presentations; CARRIED**

### **1.2. Adoption of September 27, 2018 Minutes**

The minutes were reviewed, and the following corrections were made:

- Under 4.2.: With respect to the use of I-joists in single-family houses, to complete the equivalency task, CCMC was instructed by the ~~CCMS-Commission~~ CCCME to pursue the equivalency in fire performance since the NBC waiver for single-family houses, in requiring a floor fire resistance rating, only applied to lumber floors
- Third paragraph of 4.7 was revised to read: ...Building Sub-Council agreed that they were not interested in forming a joint working group **because of a pending STANDATA** and that the working group is strictly a Fire Sub-Council Working Group at this time.

**Bruce Schultz / David Flanagan moved to adopt the minutes of the September 27, 2018 meeting, as corrected; CARRIED**

## **2. Matters for Decision**

### **2.1. Appointments**

#### **2.1.1. Reappointment of Andy Smith to represent the Professional Engineers industry segment for a term ending January 31, 2022, effective February 1, 2019**

Correspondence was included in the portal and reviewed.

**Corey Klimchuk / Russell Croome moved to recommend to the Board the reappointment of Andy Smith to the Building Sub-Council to represent the Professional Engineers industry segment for a term ending January 31, 2022, effective February 1, 2019; CARRIED**

#### **2.1.2. Reappointment of Rick Gratton to represent the Consumer Protection industry segment for a term ending January 31, 2022, effective February 1, 2019**

Correspondence was included in the portal and reviewed.

**Russell Croome / Colin Belliveau moved to recommend to the Board the reappointment of Rick Gratton to the Building Sub-Council to represent the Consumer Protection industry segment for a term ending January 31, 2022, effective February 1, 2019; CARRIED**

**2.1.3. Reappointment of Ulrik Seward to represent the Major Municipalities - South industry segment for a term ending January 31, 2022, effective February 1, 2019**

Correspondence was included in the portal and reviewed.

**David Flanagan / Bruce Schultz moved to recommend to the Board the reappointment of Ulrik Seward to the Building Sub-Council to represent the Major Municipalities - South industry segment for a term ending January 31, 2022, effective February 1, 2019; CARRIED**

**2.2. Draft FAQ on Flashing**

The draft Flashing Requirements in Exterior Walls of Part 9 Buildings FAQ document was included in the portal and reviewed.

It was suggested that there be an additional illustration for “end dam” and clarification be included that this is not a prescriptive document, it is an information document and that other solutions can be considered that meet the intent.

It was questioned if this could be an appendix to the code and clarified that it would only be possible if in the National Building Code. It was suggested that this be published in an Information Bulletin rather than an FAQ and this will be considered by the Administrator.

Members were asked to provide feedback before the next meeting. [All]

**3. Review Matters Arising/Action List**

With the priority being the publishing of the new code, it was questioned whether target dates could be set for action items. [Chang]

	Item	Description	Action	Responsible	Date Initiated	Priority	Status / Update
1.	Stacked Townhome Working Group	Working group to consider developing a code change proposal re: 9.10.14 and 9.10.15, AMA does not support the existing wording for a STANDATA		Working Group	Jan 25/18	High	Any action is pending the completion of the upcoming codes
		It was suggested numerous revisions to the STANDATA are needed; and it was recommended that the WG consider separating the issues in the original proposal to simplify STANDATA review understanding of issues applicable to each issue.	STANDATA	Working Group	Mar 15/18		

	Item	Description	Action	Responsible	Date Initiated	Priority	Status / Update
2.	Off Site Review Clarification re: Pre-manufactured Structures	Development of an Information Bulletin on pre-manufactured structures.	Info Bulletin	Chang	Sept. 3/15	Low	Outstanding
3.	Building Permit Application Requirements (Permit Application for a Building with MultiUnits)	Consider issuing an Information Bulletin re: requirements per building vs per unit. Include different practices by various AB municipalities. Draft reviewed by BSC.	Info Bulletin	Chang	Feb 25/16	Mid	With Director of Codes and Standards for review
4.	Professional & Constructor Responsibilities / Letters of Assurance?	This was held up because of Professional Legislation Amendments, Administrator will provide formal status update	Review w/ AMA, APEGA and AAA	Orr		High	Meeting scheduled in January
5.	Engineering Judgements for Fire Stop System	Consideration of the publication of a STANDATA based on the report provided to AMA; draft reviewed by BSC	STANDATA	Chang	Sept 3/15	Mid	With Director of Codes and Standards for review
6.	Window Safety Code Change Proposal	Update on progress of proposal and suggestions to address issue in existing homes		Schultz	Sept. 28/17	High	Not in the NBC, 2018 Alberta Edition, with AMA
7.	Elevator Permits – FEO Upgrades	Building, Fire, Elevator and Electrical Administrators are discussing of joint STANDATA to require a Building permit or at least a flag to the Building discipline		Chang	Nov 16/17	Mid	Discussing with other Administrators
8.	14-BCI-018 Elevator Operations and Accessibility	Recommended that Alberta Municipal Affairs consider the incorporation of timelines in the STANDATA. <b>Won't be including timelines in STANDATA</b>		Chang	Jan 25/18		Closed, remove from action list
9.	14 BCI Residential Children's Homes	Draft supported by BSC April 2018	STANDATA	Chang			Pending issuance
10.	14-BCV-007 Interior Stairways for Roof Access	STANDATA issued; Ken Roskell to bring forward any additional comments		Roskell	Mar 15/18		Remain on agenda until Ken Roskell is in attendance
11.	Fire Protected Joists	The Director of Codes and Standards will ensure this item is also added to the next PTPAC meeting agenda.		Orr	Sep 27/18		PTPACC Meeting this month, update requested
12.	Requirements of Engineering Letter for Accepting Material/System Not in Code	Greg Beck and Andy Smith will bring this issue back to AAA and APEGA.		Beck / Smith	Sep 27/18		Nothing to report
13.	Electromagnetic Lock Release in Care Facilities (STANDATA 14-BCV-011)	Russell Croome and Bruce Schultz agreed to work with the Fire and Building Administrators to bring forward recommended revisions to the STANDATA.		Croome / Schultz	Sep 27/18	Med	In progress
14.	Depressurization STANDATA	Draft reviewed and input provided by BSC <b>Reviewing benchmarks</b>	STANDATA	Flanagan/ Kralka/Chang	Sep 27/18		Pending issuance

	Item	Description	Action	Responsible	Date Initiated	Priority	Status / Update
15.	Joint B/FCI Fixed Fire Suppression Exhaust – Cooking and Cleaning	Draft reviewed and input provided by BSC	Forwarded info to Fire Administrator /FSC Review		Sep 27/18		Pending issuance
16.	Joint B/FCV Sprinkler Systems with Antifreeze Solutions	Draft reviewed and input provided by BSC	Forwarded info to Fire Administrator /FSC Review		Sep 27/18		Pending issuance

#### 4. Matters for Discussion

##### 4.1. Refrigeration Industry Promotion Committee presentation approx. 8:45 a.m.

Refrigeration Industry Promotion Committee representatives and guests were welcomed to the meeting.

Representatives from the Refrigeration Industry Promotion Committee provided a presentation on behalf of the HVAC-R Industry Working Group (HVAC-R WG). A copy of the presentation was included in the portal. Highlights of the presentation included:

- An overview of the Working Group, its representation and focus, which includes enforcement of safety codes and clarification of permitting requirements
- Scope of a Refrigeration and Air Conditioning Mechanic (RACM) which is a compulsory trade
- HVAC-R is a complex system and examples were shown of the differences public would see versus what a HVAC-R sees in the background
- Overview of the evolution of the HVAC-R industry: systems are becoming more complex, have higher pressures than older systems, and are closer to the public than ever before and this presents greater risks of catastrophic events
- HVAC-R WG requested representation on the Building Sub-Council
- An overview of how Refrigeration System work is not permitted or signed off on at the jobsite. All other disciplines are permitted and inspected or verified.
- An overview of inconsistencies relating to HVAC permitting in different municipalities, but municipalities don't require an HVAC-R permit
- There is an opportunity to clarify permitting requirements and restrictions, including what constitutes permitted work in HVAC-R
- Gaps exist between the compulsory trade and recognition of RACMs
- An overview was provided on the refrigeration requirements in BC, where HVAC-R permitting is required.

The HVAC-R WG put forward the following requests:

1. Safety Codes Council include the skills and expertise of a Refrigeration and Air Conditioning Mechanic (RACM) in its Skills Matrix, as a member of the Building Sub-Council;
2. Building Sub-Council initiate a review of HVAC permitting requirements in Alberta and support RACM's ability to permit within the HVAC permitting; or

3. Building Sub-Council consider implementing a new Refrigeration Permit for commercial, industrial and institutional applications; and
4. The Building Sub-Council work with the HVAC-R industry to expand enforcement and inspection of permitted work, in the interests of public and worksite safety.

The floor was opened for questions and the following was noted:

- Clarification was provided to the proponents that relative to permitting, the BSC has no direct control but could make recommendations to the Minister
- It was clarified by the proponents that the equipment is designed by engineers but typically there is no oversight on the installation, piping, etc.
- An HVAC-R permit does not exist; some may call it a building permit, some may call it a mechanical or HVAC permit
- There is not a lot of media attention regarding malfunctions or failure post occupancy, but a lot exist behind the scenes
- While constructed of separate components, refrigeration systems have generally been considered as one proprietary appliance system and there is little in the Building Code about refrigeration
- No separate HVAC-R association exists
- ABSA does have some authority with higher pressure equipment
- A clarification STANDA could be issued to clarify that the Permit Regulation does apply, and a separate Refrigeration permit could be required
- The City of Calgary inspects the venting only.
- Comparison was made to other specialized trades that have a verification process in place (e.g. hydronics, sprinklers), but there is nothing similar for refrigeration
- CSA-B52 does require testing but this is rarely done as there is no one that needs to be provided proof of testing

The Administrator reported that he believes the Permit Regulation does apply, and a specific permit for this work can be requested in accordance with Sentence 6(2):

- 6 (2) A permit issuer may require a separate permit for specific parts of the undertaking to which the Alberta Building Code 2014 declared in force by the Building Code Regulation (AR 31/2015) or the Alberta Building Code 2006 declared in force by the Building Code Regulation (AR 117/2007) applies if the specific parts involve a compulsory certification trade under the Apprenticeship and Industry Training Act.

A discussion was held regarding the two main thrusts of the HVAC-R WG's recommendations: RACM representation on the sub-council and permitting of refrigeration systems. Relative to a seat on the sub-council, there is no potential nominating organization specific to refrigeration. This could be considered during the annual matrix review, but an appropriate nominating organization would be required. There was uncertainty if a seat on the sub-council would address the issues that have been brought forward. In the meantime, the refrigeration industry was encouraged to work with the HVAC representative on the sub-council (Matthew Kramer) to bring forward issues and have a voice through that nominating organization.

A discussion was held relative to permitting and inspections. After an extensive discussion on the topic, the following recommendation was presented:

**Corey Klimchuk / Matthew Kramer moved to request AMA to consider drafting a STANDATA to clarify permitting requirements for refrigerant systems; CARRIED** [Chang]

#### **4.2. SCO Entry Qualifications**

The Director of Operations and the Administrator of Certification were welcomed to the meeting to initiate discussion regarding entry qualifications for Building, Electrical, Gas and Plumbing SCOs. A slide was shown on screen of the SCO entry qualifications in the construction disciplines. There are currently inconsistencies in the amount of experience required for each discipline, which presents an opportunity for cross discipline discussion to look at aligning entry qualifications. The intent is to have a general discussion and no formal working group is being created at this time. There is no preconceived path forward at this time.

A BSC representative was requested to participate in further discussion. Bruce Schultz, Corey Klimchuk and Don Dessario volunteered.

The floor was opened for questions and the following was noted:

- It was recognized that during the last review of entry qualifications, there were challenges in getting SCOs in the Building discipline, but a lot has changed since then
- A brief discussion was held regarding the Medical Gas stream
- It was clarified that the required experience must be gained after becoming a Journeyman

It was noted that if any recommendations were to be brought forward, they would be brought back to all of the sub-councils as well as the TCC.

#### **4.3. Structural Design of Residential Buildings re. 14-BCV-016 Manufactured Structural Components in the Construction of One- and Two-Family Dwellings**

Correspondence, the existing STANDATA and a discussion paper prepared by Andy Smith were included in the portal. An overview was provided regarding the contents of the discussion paper and the rationale for the changes. It was clarified that the STANDATA is of value, but it is believed that a like-for-like replacement should not require engineering.

The following recommendations were presented:

1. Remove references to engineered columns as these are covered by the main code.
2. Rework/reword the STANDATA to allow the use of proprietary wood products only as a direct like-for-like replacement for components specified in the prescriptive requirements in the code, subject to supporting documentation provided by the manufacturer. These could take the form of published engineer-sealed load-span tables similar to those provided in the code, or of software output that has been sealed by a

professional engineer. This output should include wording that states that the loads transferred to the supporting structure do not exceed those of a prescriptive Part 9 building.

3. Clarify that where the design goes beyond that stated in item 2, professional involvement is required for the overall building, not just for the specific components. This would include design using the requirements of the Engineering Guide for Wood Frame Construction (EGWFC).
4. Update the reference to refer to the 2014 EGWFC, because the 2009 is not available any more.

It was suggested that clarification also be included that joist suppliers are responsible for providing the installation/connection requirements for their engineered products. It was suggested that consideration be given to adding reference to third-party evaluations.

**Bruce Schultz / Rick Gratton moved to recommend to the Administrator to consider the proposed revisions to the STANDATA; CARRIED** [Chang]

#### **4.4. AGLC changes for Microbreweries and Microdistilleries**

Ulrik Seward provided a presentation on how the City of Calgary is managing microbreweries and micro-distilleries. The presentation was included in the portal and highlights included:

- 30 microbreweries and 2 micro-distilleries, and 3 more in the permitting phase, in Calgary at present
- Brewery Processing Flow Chart was explained
- An overview of microbrewery hazards
  - Brewhouse typically not hazardous
  - Beer is not a flammable or combustible liquid
  - Equipment used for brewing operates at low pressure
  - Storing/milling grain/malt creates combustible dust, which presents the largest hazard in a microbrewery but observations of existing facilities indicate this hazard was not present.
  - Dust quantities are typically small and can be controlled by regular housekeeping
- Photographs of typical brewery processing operations and equipment
- An overview of micro-distillery hazards
  - Distilled beverage alcohol is a flammable liquid (Class IB if 60%-96% ABV and Class IC if 20% - 60% ABV)
  - Risk of fire from alcohol spills during distilling
  - Risk of explosion of alcohol vapours (one distiller told us that 2% of the product evaporates after distilling is complete)
  - Significant amounts of distilled alcohol may be stored on site in barrels, which are not vapour-tight
  - Storing/milling grain/malt creates dust here as well
- Micro-distillery Processing Flow Chart was explained
- Photographs of typical micro-distillery processing operations and equipment



- The Alberta Building and Fire Codes do not mention breweries or microbreweries
- Distilleries classification in the appendices is considered a Group F, Division 1, High-Hazard Occupancy, but micro-distilleries are not mentioned
- The fire code requires distillers to be classified as F1 Occupancy
- An overview was provided of the different building classifications; tap rooms, tasting rooms and restaurants are often present and these are considered assembly occupancies
- Many warehouse-type buildings do not have the necessary fire separation
- Flammable Liquids storage requirements were explained
- Ventilation requirements were explained
- Global Asset Protection Services Guidelines for both Breweries and Distilleries were included in the portal

There is a need to determine classifications as there is a lack of coordination between the ABC and AFC. This disconnect could create a challenge were the Building official has classified a facility as an F2 occupancy but the fire discipline could reject it because it is an F1 under the AFC.

Currently Calgary is classifying a micro-distillery, if the alcohol is stored in sealed containers, as a medium hazard classification and work is currently being done with the Calgary Fire Department on these facilities to ensure all safety concerns are addressed. Examples were provided of Edmonton facilities and similar challenges. Microbreweries don't appear to be as big a risk as the micro-distilleries.

It is believed that there is a need for a province-wide strategy to determine the line between when a facility should be treated as a high hazard vs a medium hazard occupancy. It was suggested a Province-wide Variance could be considered to determine the size and quantity of alcohol that creates that distinction.

It was clarified that discussions have not been held with equipment manufacturers related to the safety features in distillery equipment. It is believed that NFPA might be looking at a Standard for these types of facilities.

It was suggested by BSC members that this information be presented at the Fire Sub-Council meeting and consideration of a joint Building/Fire Variance. It was suggested that there is also potential for a Joint Working Group which could include the Pressure Equipment discipline and industry representatives. If his schedule permits, Ulrik Seward will attend the next Fire Sub-Council meeting as the BSC liaison and to make this presentation.

**Bruce Schultz / Ulrik Seward moved to recommend consideration for a working group to be established including Fire, Building, and industry for microbreweries and microdistilleries; CARRIED**

#### **4.5. Insulation of Refrigeration Piping**

Concern was brought forward regarding what type or scope of insulation is required for refrigeration piping relative to the Energy Codes. Photographs were shown on screen of field solutions to insulate refrigeration piping.

A discussion was held regarding the issue and the following was noted:

- This is not a safety issue
- Often installations are done after the fact
- There is no data to warrant the additional insulation
- There is no insulation product available that currently meets the intent of the code
- Only one jurisdiction is enforcing the requirement
- Efficiency rating is relative to other factors and not the insulation

Similar to the hydronics industry, it was suggested that industry needs to demonstrate that this additional insulation is of no value. Matthew Kramer will go back to his association for additional information. [Kramer]

The Administrator will ask NRC for the rationale for this requirement. [Chang]

This agenda item will be moved to the action list. [Council Administration]

#### **4.6. Digital Plans Review**

A brief discussion was held regarding moving this forward. It was suggested that municipalities get together to determine the best path forward before bringing it back to the sub-council, and to include the Administrator of Accreditation in the discussions.

It was questioned regarding whether a formal working group was needed if seeking participation from outside of the sub-council. After a discussion on a path forward, it was believed that this is simply an information gathering task at this point and if necessary, something more formal could be considered in the future.

This item was deferred to a future meeting.

#### **4.7. AMA/Administrator Report (Code Adoption, SLALA ongoing)**

A five-column document was included in the portal as information listing the status of all recommendations made by the BSC about the upcoming code edition.

**Code Adoption**—It was reported that the regulation is on the Cabinet agenda for the Fall session. Concern was expressed regarding an April 1, 2019 in force date if there continues to be a delay of the adoption of the regulation. It was clarified that a 6-month transition will still be considered.

**SLALA**—There was nothing new to report.

**Building Classification for Cannabis Facilities**—The sub-council requested a status update on building classifications for cannabis facilities as many municipalities and SCOs are unclear on building classifications for these facilities. It was noted that any enquiries for clarification should be sent to the Building Administrator’s office.

The Administrator also reported that the following:

- The Director of Codes and Standards has asked for public review documents from NRC
- A list was provided of available national codes
- No revisions or errata are anticipated at this time
- Window safety requirements were not approved for Alberta-specific requirements as this has been sent to the NRC for changes at the national level
- Correspondence was read regarding a new home warranty success story
- An overview was provided on changes in the reporting of all Advisors
- An overview was provided of some of the code changes anticipated for 2020
- The hydronics industry appreciates the issuance of the STANDATA

#### **4.8. TCC Report**

Vice Chair, Russell Croome, provided an overview of some of the discussions at the last TCC meeting:

- Furnaces used during construction continues to be an issue and one manufacturer is now allowing their furnaces to be used post-construction; a docket has been sent for a national proposed change to not allow this
- Presentation and video regarding Fernie investigation and where HVAC-R fits
- Building envelope concerns, specifically the consideration that all disciplines have a responsibility to enforce building envelope issues that arise related to the work of each discipline, were brought forward but no decision was made

#### **4.9. Liaison Reports**

##### **4.9.1. Fire Sub-Council**

It was reported that there has not been a Fire Sub-Council meeting since the last BSC meeting. It was reported that Ulrik Seward may represent the BSC instead of Rick Gratton if he will be at the Fire Sub-Council meeting doing the Microbrewery/Microdistillery presentation.

[Seward/Gratton]

##### **4.9.2. Barrier Free Sub-Council**

Tang Lee reported that AMA will be making a presentation next week about the direction of the sub-council and the potential to work with the Premier’s Council on the Status on Persons with Disabilities.

### **4.9.3. Electrical Sub-Council**

Concerns were raised at the last meeting regarding an uncertified product that was approved by an engineer even though a certification standard for this type of product does exist. This should not be allowed as it circumvents the established certification process. The example referenced was ground plates, which must be coated or galvanized, but it seems there may be many noncompliant ground plates in use currently. The ESC is in the process of figuring out how to address this. It is uncertain if this is just an Alberta issue.

### **4.10. Council Updates**

The following update was provided:

- Council Awards are now open for nominations, deadline March 29, 2019
- The Council Conference will be held on May 29 to 31, 2019, always looking for suggestions for speaker topics
- New Member Orientation is scheduled for November 20, 2018
- An Open House will be held at the Council Office on December 5, 2018

### **4.11. Classification of Buildings re: Cannabis**

This was addressed during the Administrator's report (item 4.7.).

### **4.12. Venting for Fire Fighting**

Excerpts from the Alberta Building Code were read regarding the four options available to vent the floor area during a fire. Discussions have been held on whether a door would be a suitable means (as a wall panel), but it is not currently listed as one of the four options. It was suggested that the Building and Fire Sub-Councils work together on clarifying the question of whether a door can be an effective means for venting, and if it needs to be held open mechanically or otherwise.

**Ulrik Seward / Bruce Schultz moved to request AMA to study the issue regarding whether a door can be used for venting for fire fighting; CARRIED** [Chang]

This item will also be brought forward to the Fire Sub-Council. [Gratton / Seward]

### **4.13. Tiny Houses**

Concern was expressed that the codes are not set up to address tiny houses (e.g. stair rise and run, loft access by ladder, etc.). As this is a growing industry, it is anticipated to cause more challenges in the future. Some municipalities are not allowing tiny houses.

It was reported that from a policy perspective, this is also being discussed by government relative to the warranty program.

A brief update was provided regarding some of the discussions that are being held by NRC. The Administrator will research further on what direction NRC plans on taking regarding tiny houses. [Chang]

## **5. Other Business and Meeting Finalization**

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

It was questioned regarding occupant loads and it was clarified that with harmonization, the building and fire codes will be aligned.

### **5.2. Next Meeting**

The next meeting will be held on January 17, 2019 at 8:30 a.m.

### **5.3. Meeting Adjournment**

**Corey Klimchuk / Ulrik Seward moved that the meeting be adjourned; CARRIED**

The meeting was adjourned at 3:15 p.m.

**– NEW ACTION ITEMS FROM TODAY’S MEETING –**

**2.2. Draft FAQ on Flashing**

Members were asked to provide feedback before the next meeting. [All]

**3. Review Matters Arising/Action List**

With the priority being the publishing of the new code, it was questioned whether target dates could be set for action items. [Chang]

**4.1. Refrigeration Industry Promotion Committee presentation approx. 8:45 a.m.**

Request AMA to consider drafting a STANDATA to clarify permitting requirements for refrigerant systems. [Chang]

**4.3. Structural Design of Residential Buildings re. 14-BCV-016 Manufactured Structural Components in the Construction of One- and Two-Family Dwellings**

The Administrator to consider the proposed revisions to the STANDATA. [Chang]

**4.5. Insulation of Refrigeration Piping**

Similar to the hydronics industry, it was suggested that industry needs to demonstrate that this additional insulation is of no value. Matthew Kramer will go back to his association for additional information. [Kramer]

The Administrator will ask NRC for the rationale for this requirement. [Chang]

This agenda item will be moved to the action list. [Council Administration]

**4.9.1. Fire Sub-Council**

Ulrik Seward may represent the BSC instead of Rick Gratton if he will be at the Fire Sub-Council meeting doing the Microbrewery/Microdistillery presentation. [Seward/Gratton]

**4.12 Venting for Fire Fighting**

To request AMA to study the issue regarding whether a door can be used for venting for fire fighting. [Chang]

This item will also be brought forward to the Fire Sub-Council. [Gratton / Seward]

**4.13. Tiny Houses**

A brief update was provided regarding some of the discussions that are being held by NRC. The Administrator will research further on what direction NRC plans on taking regarding tiny houses. [Chang]

– MOTIONS –

**1.1. Agenda Adoption**

**Robert Kralka / Rick Gratton moved that the agenda be adopted as amended, with a flexible order of business to allow for presentations; CARRIED**

**1.2. Adoption of September 27, 2018 Minutes**

**Bruce Schultz / David Flanagan moved to adopt the minutes of the September 27, 2018 meeting, as corrected; CARRIED**

**2.1.1. Reappointment of Andy Smith to represent the Professional Engineers industry segment for a term ending January 31, 2022, effective February 1, 2019**

**Corey Klimchuk / Russell Croome moved to recommend to the Board the reappointment of Andy Smith to the Building Sub-Council to represent the Professional Engineers industry segment for a term ending January 31, 2022, effective February 1, 2019; CARRIED**

**2.1.2. Reappointment of Rick Gratton to represent the Consumer Protection industry segment for a term ending January 31, 2022, effective February 1, 2019**

**Russell Croome / Colin Belliveau moved to recommend to the Board the reappointment of Rick Gratton to the Building Sub-Council to represent the Consumer Protection industry segment for a term ending January 31, 2022, effective February 1, 2019; CARRIED**

**2.1.3. Reappointment of Ulrik Seward to represent the Major Municipalities - South industry segment for a term ending January 31, 2022, effective February 1, 2019**

**David Flanagan / Bruce Schultz moved to recommend to the Board the reappointment of Ulrik Seward to the Building Sub-Council to represent the Major Municipalities - South industry segment for a term ending January 31, 2022, effective February 1, 2019; CARRIED**

**4.1. Refrigeration Industry Promotion Committee presentation approx. 8:45 a.m.**

**Corey Klimchuk / Matthew Kramer moved to request AMA to consider drafting a STANDATA to clarify permitting requirements for refrigerant systems; CARRIED**

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**Bruce Schultz / Rick Gratton moved to recommend to the Administrator to consider the proposed revisions to the STANDATA; CARRIED**

#### **4.4. AGLC changes for Microbreweries and Microdistilleries**

**Bruce Schultz / Ulrik Seward moved to recommend consideration for a working group to be established including Fire, Building, and industry for microbreweries and microdistilleries; CARRIED**

#### **4.12 Venting for Fire Fighting**

**Ulrik Seward / Bruce Schultz moved to request AMA to study the issue regarding whether a door can be use for venting for fire fighting; CARRIED** [Chang]

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

**Corey Klimchuk / Ulrik Seward moved that the meeting be adjourned; CARRIED**