



Safety Codes Council

MINUTES OF THE SECOND ELECTRICAL SUB-COUNCIL MEETING OF 2024

DATE: June 17, 2024

TIME: 9:31 a.m. to 2:15 p.m.

LOCATION: Videoconference

PRESENT: *Sub-Council Members*
Gregory Briggs
Patrick Conway
Hussein Desouki
Gerry Doan, Vice Chair North
Adam Ghani, Vice Chair South
Ken Hood
Nicolas Leblanc, Chair
David Myers
Denny Smith
Barry Voogd
Ed Knaggs

Safety Codes Council
Jennifer Johnson

Alberta Municipal Affairs
Kevin Glubrecht, Morgan Pendray-Frame

REGRETS: Clark Redden, Brad Dougherty, Bert DeBruin, Tim Driscoll

GUESTS: Jason Drenth, EUSC Liaison; Don Kuziw, City of Edmonton

RECORDER: Jennifer Johnson

2024 MEETINGS: October 21

1. Meeting Opening

The Chair called the meeting to order at 9:31 a.m. A round table introduction was held and videoconference functionality was reviewed, and 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.

1.1 Agenda Adoption

Hussein Desouki/Gerry Doan moved that the agenda be adopted, as circulated; **CARRIED**

1.2 Adoption of the April 8 Minutes

Hussein Desouki/Ed Knaggs moved to adopt the minutes of the April 8 meeting, as circulated; **CARRIED**

2. Matters for Decision

None identified.

3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	Colour Coding Code Change Request	Code change request was not approved for the 2024 code but the Section 4 subcommittee retained this item. SN 4813. CSA ballot info seems to show a conflicting interpretation of how OBY is being used. Submission is with CSA Section 4 subcommittee; will go to CSA conference in June 10-14 and a response should be provided afterward and will be brought to the next ESC meeting	Dec 5/22	Ghani	Submission was voted on and rejected.
2.	Rule 26-602 re. New Installations with Second Dwellings	The code does not stipulate where the electrical panel has to be located. The proponent sent a code change request to CSA. Still in progress at CSA. Tracking ID: CSA 22.1.21:013 SN:4876	Feb 6/23	Chledowski / Redden	Still in progress, no update available.

4. Matters for Discussion

4.1. Code Review Discussion

The following was discussed:

- Members were asked to review the Memorandum of Revisions to the 2021 CE Code that were published and report back if there were they identified any issues that require further review.
- Municipal Affairs would ideally like to receive a recommendation from the Safety Codes Council's President & CEO that adoption of the code is supported six months prior to the anticipated date of automatic adoption.
- Members shared changes that were of interest and discussed potential impacts.

Tim Driscoll/Hussein Desouki moved to recommend to the President and CEO that no issues were identified that would impede the timely adoption of C22.1:24 Canadian Electrical Code, Part 1; CARRIED.

Ken Hood/Gerry Doan moved to create a working group to review areas needing clarification in C22.1:24; CARRIED.

Gerry Doan/Ken Hood moved that the working group membership include Nicolas LeBlanc as Chair, David Myers, Gerry Doan, Ed Knaggs with support from Municipal Affairs; CARRIED.

Ken Hood/Gerry Doan moved that the working group have a final report prepared for the October Electrical Sub-Council meeting; CARRIED.

4.2. Working Group Reports

4.2.1. Code Interpretation re: CSA C22.3 No7 :20 and C22.1 10-210

The following was reported:

- The intents behind the two requirements are different.
- Keeping a distance of 3m between supply authority equipment and consumer service equipment is recommended.
- Suggestions were given for instances where these distance requirements cannot be met.
- This may be an opportunity for education for SCOs and users.

4.2.2. Energy Storage, Charging and Collections Systems

The following was reported:

- Working group met once with only the Chairs to have a kickoff meeting.
- Next meeting is tentatively scheduled for July 17th.

4.2.3. Medium Voltage Termination Products

The following was reported:

- Working group met on May 8th.
- No standard exists for medium and high voltage terminations and splice kits that are commonly used on consumer electrical systems.
- Must get a variance from the AHJ to be compliant when using these.
- There may be potential for a provincial variance.
- Working group will meet again to define voltage levels.

4.2.4. Electrical Vehicle Energy Management Systems

The following was reported:

- Images were shared showing potential installations.
- Preference is to have a separate termination junction box to house the CT's and control circuitry.
- Electrical panels are not rated as termination boxes as per the CEC Code Section 6-212.
- Considerations were shared that would need to be addressed if panels are allowed to house CTs.
- Guidance document for SPE 343 was reviewed.

4.3. Liaison Reports

4.3.1. Building

No update available.

New liaison needed. Council staff will confirm if Clark Redden is interested, Gerry Doan also offered to share the role.

4.3.2. Electrical Utilities

No update available.

4.4. Administrator/AMA Report

The Administrator reported the following:

Alberta Municipal Affairs

- In addition to the Electrical Administrator attending ESC, meetings, an electrical technical advisor may attend electrical sub council meetings. Gregg Marshall, Cameron Doram, Morgan Pendray-Frame, or Lucie Riopel may be some faces you will see at meetings from time to time on behalf of Municipal Affairs.
- 26th Edition CSA C22.1:24 Canadian Electrical Code was published on March 1st 2024 (including a French publication)

STANDATA updates:

In process

- Overhaul of STANDATA 26th Edition CSA C22.1:24 Canadian Electrical Code

Currently being updated:

- Interpretations – 6 (3 additional JOINT STANDATA's with Building and Fire disciplines)
- Bulletins - 20
- Variances – 5
- Notice – 6 month reminder of code publication.
- Notice of 2025 C22.1:24 Canadian electrical code Adoption date. Tentatively April 1st 2025 unless Minister chooses to adopt early.

Not to be reissued:

- 24-ECV-006-112 (overhead consumer service) –
- 24-ECV-018-150 (Equip in classified areas) – covered in CE Code 2024
- 24-ECV-064-218 (PV - Rapid shut down) – covered in CE Code 2024
- JOINT 24-ECV-064-900 (Residential ESS) – covered in CE Code 2024

Complete

- Notice of publication of the 2024 CE code on March 1st 2024

Notice: new Canadian Electrical Code, Part I [2024] - Open Government (alberta.ca)

- Notice not to renew/Archive 21-ECV- 006-112 Consumer Overhead Service – Masts

Notice: archive variance 21-ECV-006-112 - Open Government (alberta.ca)

Upcoming meetings of interest

- ULC Advisory Council April 16-17 - Toronto.
- ECAA Annual convention May 23-26th – Calgary
- EFC conference May 28-30th 2024
- CSA Part I Committee meeting June 10-14 - Vancouver.
- SCC AGM June 21, 2024
- SCC Summit Oct 2-4 Nisku
- Provincial Electrical Safety Uniformity (Virtual) monthly
- AEA Learning Expo Oct 23, 2024
- And so many more – if anyone has any events that you would like to pass on to MA for information please let us know if there is opportunity for us to attend.

4.5. Council Updates

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

Please Register for the AGM on June 21, 2024

- The member appreciation luncheon and AGM will be held the afternoon of June 21, 2024, at the Coast Hotel in downtown Edmonton.
- Based on feedback from members, the AGM will support both in person and online participation and the member appreciation luncheon will be streamed for live viewing.
- An invitation has been sent and members are reminded to register for the member appreciation luncheon and AMG. All members, whether attending virtually or in-person, are asked to [register on the Chime platform](#) as this is where voting will take place.

Updated Mandate and Roles Document (MRD) Published

- The MRD is developed collaboratively by the Minister of Municipal Affairs and the Safety Codes Council to reflect a common understanding of the Council's mandate, respective roles and responsibilities, interactions, and expectations of the relationship between the parties.
- This document is intended to be reaffirmed or updated every three years.
- Changes made to the MRD focus on clarifying roles and responsibilities and aligning the MRD more closely to the *Safety Codes Act*. The most significant changes were to:
 - Specify that mandatory direction must come from the Minister, not the department of Municipal Affairs, and in writing where practicable;
 - Adjust the roles and responsibilities of the Board and President and CEO to align with the Board of Director's policy that has them focus on strategic issues and direction and the President and CEO manage operations.
 - Enable the Council to take legal action without approval by the Minister, provided the Minister is notified of the legal action before it occurs.

- Clarify that the Board of Directors should include representation that aligns with the *Safety Codes Act*, which includes relevant safety codes industry expertise.
- The Board of Directors has reviewed the bylaws for alignment with the new MRD and intends to propose bylaw changes at the Annual General Meeting in June to ensure the bylaws align with the new MRD.
- All members are encouraged to read this document (see link in heading) as it provides a comprehensive explanation of the Council's mandate.

5. Meeting Finalization

5.1. Round Table

- Ed Knaggs will be attending the CANREA Show in Calgary on October 21, will be unable to make the next ESC meeting.
- New management positions filled at Municipal Affairs, Administrators now report directly to these managers.

5.2. Next Meeting

The next meeting was reconfirmed for October 21, 2024 at the Council office at 9:30 a.m.

5.3. Meeting Adjournment

The meeting was adjourned at 2:15 p.m.

– NEW ACTION ITEMS –

– MOTIONS –

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– WORKING GROUP MEMBER LISTS –

WORKING GROUP	WORKING GROUP MEMBERS (Chair)
Code Interpretation re. CSA C22.3 No 7:20 and C22.1 10-210 (Joint with EUSC)	<u>Nicolas Leblanc (co-chair)</u> Ken Hood, Gerry Doan
Energy Storage, Charging and Collection Systems (joint with BSC and FSC)	<u>Greg Briggs (co-chair)</u> Ed Knaggs
Medium Voltage Termination Products	<u>Adam Ghani</u> Nicolas Leblanc, Bert DeBruin, Denny Smith AMA support: Morgan Pendray-Frame
Electrical Vehicle Energy Management Systems	<u>Hussein Desouki</u> Adam Ghani, Patrick Conway, Gerry Doan, Gregory Briggs
CE Code Part 1	<u>Nicolas Leblanc</u> Gerry Doan, Ed Knaggs, David Myers, with AMA support
C22.1:24	<u>Nicolas Leblanc</u> David Myers, Ed Knaggs, Gerry Doan with AMA support