



**MINUTES OF THE
SECOND ELECTRICAL SUB-COUNCIL MEETING OF 2023**

DATE: April 24, 2023

TIME: 9:30 a.m. to 11:57 a.m.

LOCATION: Safety Codes Council Office

PRESENT: **Sub-Council Members**
Gerry Wiles, Chair
Brad Dougherty
Patrick Conway
Hussein Desouki
Gerry Doan
Tim Driscoll
Adam Ghani, Vice Chair South
Glenn Hedderick
Nicolas Leblanc
Lori Monaghan
Clark Redden
Barry Voogd
Ed Knaggs

Safety Codes Council
Allison Karch, Jennifer Johnson, Chanda Danchuk

Alberta Municipal Affairs
Kevin Glubrecht, Bob Hall, Cameron Doram

REGRETS: Scott Basinger, Vice Chair North; Ken Hood; Bert DeBruin

GUESTS: Jason Drenth, EUSC Liaison

RECORDER: Jennifer Johnson

2023 MEETINGS: June 26

1. Meeting Opening

The Chair called the meeting to order at 9:34 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

Gerry Doan/Lori Martens moved that the agenda be adopted, as circulated; CARRIED

1.2 Adoption of the February 6, 2023, Minutes

Patrick Conway/Glenn Hedderick moved to adopt the minutes of the February 6, 2023, meeting, as circulated; CARRIED

2. Matters for Decision

None identified.

3. Review Matters Arising/Action List

	Item	Action	Date Initiated	Responsible	Status/Update
1.	CE Code-072 Concrete Encasements	Consider drafting a Proposed Change to CE Code Part 1 UPDATE: Submittal completed. Item will be kept open for updates on the proposal from CSA. Currently under review by CSA. Tracking ID: C22.1.21 004	Feb. 6/17	Basinger	No update
2.	Mast Couplers	A letter to the manufacturer will be drafted to request the rationale for this note in the product guide, and will be copied to the Standards Council of Canada so they are aware of this inconsistency.	Feb. 7/22	Ghani, Basinger, Wiles, Forbes	Correspondence with manufacturers complete. See item 4.2.
3.	Non-Metallic Outer Jacket Cables	It was requested that MA investigate options for addressing this through STANDATA and report back at a future meeting.	Dec 5/22	Glubrecht	This item was balloted at CSA and will be included in 2024 code. MA is not seeing issues with enforcement at this time so there is no plan to issue a STANDATA. Closed; remove from action list.
4.	Colour Coding Code Change Request	Bring updates from CSA on progress of request.	Dec 5/22	Ghani	Code change request was forwarded to the Section 4 sub-committee and was rejected. It may continue to be worked

					on by other CSA committees; leave on for potential updates.
5.	Rule 26-602 re. New Installations with Second Dwellings	The code does not stipulate where the electrical panel has to be located. This will be discussed at the EIAA conference and more information will be brought forward.	Feb 6/23	Glubrecht	The Administrator spoke with the proponent of this issue and learned that a code change request has been sent to CSA; leave on for further information.

4. Matters for Discussion

4.1. CSA MOR 3 Published

The Electrical Administrator reported that the CE Code MOR 3 has been published and as a result the energy storage systems variance has gone through the necessary approval process and will be published shortly.

4.2. Mast Couplers

The Administrator shared a presentation to reiterate the concerns with mast couplers. Components from a certified mast kit must be used together. They cannot be mixed and matched with other components because the certification is for the kit as a whole, not the individual components. Alternatively, individual certified products could be used. The Administrator will share this information for awareness at the Safety Codes Council Summit in October.

It was noted that Alberta is one of the few provinces that has a province-wide variance to allow smaller rigid steel conduit to be used for service connections, but few failures are seen.

This topic renewed interest in CSA standard C22.2 No. 82-1969 Tubular Support Members and Associated Fittings for Domestic and Commercial Service Masts. CSA has established a working group to review and update this standard, which was last revised in 1969. The Electrical Administrator is participating on this group.

4.3. Section 24 Requirements for Residential Dwellings re Certified Electrical Medical Equipment

The Electrical Administrator shared a presentation on home-based businesses who offer personal care services using certified electrical medical equipment. As per the Public Health Act, this is considered cosmetic care, not health care, so there is no need for Section 24 specific wiring. However, the equipment shall be approved as per the electrical code regulation.

4.4. Working Group Reports

4.4.1. Non-metallic Outer Jacket Cables

The group has not met since the last ESC meeting. Since this topic is expected to be addressed in the 2024 CE Code, the group will remain active until the code content is known.

4.4.2. Energy Storage

The following was reported:

- With the MOR and STANDATA being published a large portion of the work is complete, but the group could consider battery types.
- The Administrator reported lead acid batteries are not excluded from the current code and are treated the same as lithium batteries.
- The member representing Solar offered to bring forward information about battery types; this will be added to the June agenda. [Knaggs]
- Bob Hall is retiring; Cameron Doram will be the MA support for this group.

4.3. Liaison Reports

4.3.1. Building

Nothing to report.

4.3.2. Electrical Utilities

The following was reported:

- Brian Townsend was reappointed as Chair.
- Scott Pederson was recommended for appointment to the Energy seat.
- Rapid shutdown being installed on utility poles was discussed; the liaison will look into bringing the topic to a future ESC meeting.

4.4. Administrator/AMA Report

The Administrator reported on the following:

- In addition to the Electrical Administrator attending ESC and EUSC meetings, Cameron Doram will attend ESC meetings and Gregg Marshall will attend EUSC meetings.
- Lower case should be used for 'authority having jurisdiction' and 'safety codes officer'. Capitalized acronyms AHJ and SCO will still be used.
- STANDATA in process/currently being updated:
 - AEUC Notice of new utility code September 1, 2023 as per automatic code adoption. Energy storage systems (ESS) STANDATA variance should be on the website in the coming weeks.
 - LEG-PR-g2 [rev-3] ELECTRICAL SAFETY (alberta.ca), is being updated to fix broken links and should be published soon.
 - ELECTRICAL SAFETY (alberta.ca) 16-AEUCI-2_ updating to reflect September 1, 2023 AEUC adoption.
 - 21-ECI-009 Fixing broken link
- Errata to the Alberta Electrical Utility Code is being developed.
- Exploring potential joint discipline STANDATA regarding distilleries and shipping containers. Nic Leblanc is participating in the distilleries working group.
- Upcoming meetings of interest electrical discipline.
- Reminder of Demarcation STANDATA: <https://open.alberta.ca/publications/standata-electrical-safety-variance-aeuc>
- Update on NMSC at CSA Part I ballot 4831. Ballots are available to CSA working group members.

4.5. Council Updates

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

- Member training (Effective Meetings Workshop and Appeals Training) will be offered in 2023—dates will be circulated by email once confirmed. This training is required for new members and open to any members who have not yet taken it or would like a refresher.
- The Council’s AGM and Member Appreciation event is being held in person in Edmonton on May 26, 2023 at the Delta South Edmonton. All members are encouraged to attend as it’s our way to say thank you for all the hard work you do as members throughout the year.
 - A calendar invite has been sent to all sub-council members.
 - Members are eligible for reimbursement of travel expenses in accordance with the Council Member Expense Procedure and Council’s [Travel Expense Policy](#).
 - The AGM package will be distributed in May.
 - Award nominations are now open and members are encouraged to nominate fellow sub-council members [here](#).
 - Please register for the AGM/Member Appreciation by April 21 [with this link](#).
- Amina Deiab has moved on from the Council after being the President and CEO since August 2020.
 - Katie Rowe, Vice President, Regulatory Affairs, Policy and Governance, has been named Acting President and Chief Executive Officer until a new President and CEO is recruited, and Mychele Joyes is Acting Vice President, Regulatory Affairs, Policy and Governance for that period.
 - Over the last two and a half years, Amina led the Council through COVID, ensuring staff safety while leading a significant transformation to become a purpose-driven, stakeholder-focused, and values-led regulatory organization, and the Council Board of Directors and staff wish her well in her next chapter.
- An Appeal Decision in the Electrical discipline has been posted: [Electrical – Refusal of Certificate of Competency \(Master Electrician\) – February 2023](#)

5. Meeting Finalization

5.1. Round Table

- Congratulations to Bob Hall on his retirement, thank you for your many contributions to the sub-council.
- Approved sub-council minutes are available on the Council website and can be shared with interested parties.
- Reminder that there will be a lag of approximately 6 months after publication of the new code before apprenticeship training catches up.
- A code change proposal regarding cable cleats is in the first round at CSA; industry seems opposed to the change.
- There is a Section 62 proposal to increase clearance between electrical receptacles and air heaters.
- CSA is currently developing new photovoltaic standards. If any members would like to participate on a subcommittee, please reach out to Ed Knaggs.
- Reminder that there is a solar investment tax credit of 30% available for commercial entities.
- Gerry Wiles will be retiring from the sub-council next January and election of a new Chair will be added to the October agenda. Members who are interested in the Chair

position are encouraged to reach out to Gerry or Allison to learn about the role and expectations.

5.2. Next Meeting

The next meeting was reconfirmed for June 26 at 9:30 a.m. Council staff will send out a poll to determine if the meeting will be held virtually or in person. [Council Staff]

5.3. Meeting Adjournment

The meeting was adjourned at 11:57 a.m.

– NEW ACTION ITEMS –

4.4.2. Energy Storage

The member representing Solar offered to make a presentation at the next sub-council meeting about battery types; this will be added to the June agenda. [Knaggs]

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– MOTIONS –

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– WORKING GROUP MEMBER LISTS –

WORKING GROUP	WORKING GROUP MEMBERS (<u>Chair</u>)
Non-metallic outer jacket cables re. gap in CE Code Rule 12-500	<u>Bert de Bruin</u> Ken Hood, Gerry Doan, Adam Ghani
Energy Storage	<u>Ed Knaggs</u> Gerry Doan, Nicolas Leblanc Municipal Affairs : Cameron Doram