

Location: Pearson Room, Holiday Inn and Suites, 2565 Argentia Rd, Mississauga

Attendees: Barry Buchanan, Dave Sinclair, Eerik Randsalu, Kathryn Farmer, Malcolm Brown, Martin Lem, Mel Fruitman, Peter Olders, Phil Lasek, Pierre McDonald, Rob Smith, Ted Olechna, Tim Pope, Vladimir Gagachev, Andrew Pottier

Absent: Shawn Paulsen, George Chelvanayagam, Tony Poirier,

Teleconference: Chris Magnusson, Mary Beth Fazzari

Guests: Nansy Hanna, Tatjana Dinic, Carita Edwards, Farrah Bourre, Ray Yousef, Guy Benjamin, Valerie Sinclair

OPCC Terms of Reference Presentation

Presented by Ted Olechna

Balloting on Ontario Amendments

Presented by Electrical Safety Authority

Proxy: Shawn Paulsen assigned to Tim Pope, George Chelvanayagam assigned to Ted Olechna

Rule	Description	Notes
2-005(h) New 2018-OA-001	Application for inspection not required for elevating devices	Motion to discuss: Dave Sinclair Seconded: Barry Buchanan Changes: “Clause 2.(3) of the..” added, specifies changed to states, 2.(3) Motion to accept change: Dave Sinclair Seconded Tim Pope Vote to accept changes: passes unanimously Vote on final: passes unanimously
Section 2 2018-OA-002	Replace “inspection department” with “Authority”	Motion: Tim Pope Seconded: Peter Olders Discussion: May need to create a bulletin that Supply Authority is not just a LDC. Vote: passes unanimously
Section 2 2018-OA-003	Change “Application for Inspection” to “Notification” and others	Motion: Barry Buchanan Seconded: Andrew Pottier Vote: passes unanimously



2-005(c) 2018-OA-004	Clarification to exemptions from an application for inspection a notification	Changes: "...power supply limits..." Motion to accept as written including term limits: Tim Pope Seconded: Vladimir Gagachev Vote to accept with the term "limit" added: passes unanimously
2-010(1) 2018-OA-005	Add requirements for Plan Review of energy storage installations and of standby generation that supports life safety loads	Changes: Changed OEB to Ontario Energy Board, added "as per Section 46" Motion to accept as written with the change of Inspection Department to Electrical Safety Authority: Vladimir Gagachev Seconded: Barry Buchanan Discussion: Emergency Power Supply as referenced in Section 46 Motion to accept "as per Section 46" change: Peter Olders Seconded: Vladimir Gagachev Discussion: Section 46 has ESS defined and has to be plan reviewed. Vote to add "as per Section 46": passes unanimously Vote to accept with Ontario Energy Board and "as per Section 46" and Electrical Safety Authority: passes unanimously
2-010 2018-OA-006	Editorial change to clarify when plan review is not required	Motion: Barry Buchanan Seconded: Tim Pope Vote: passes unanimously
2-022(3) and Appendix B Note 2018-OA-007	Amend requirements for lighting equipment approval	Motion as drafted with Electrical Safety Authority: Vladimir Gagachev Seconded: Barry Buchanan Vote with Electrical Safety Authority: passes unanimously
10-116(6) 2018-OA-008	Relocate Ontario amendment about the use of a metal frame of a building as a grounding conductor.	Changes: removed the underlining of "For separately derived systems" Motion: Barry Buchanan Seconded: Eerik Randsalu Vote to accept without the underlining: passes unanimously
12-022 New 2018-OA-009	Requirements for cables and raceways installed in metal corrugated roof decking	Changes: remove the numbering of Subrule (1) Motion to accept as written: Barry Buchanan Seconded: Rob Smith Discussion: Could this type of roofing system be built without corrugated metal? Brought forward by Canadian Roofing Assoc. who see this with

		<p>this type of membrane. When used in different floors and filled with concrete? Would not be considered the roof in this case.</p> <p>Vote to accept without numbering of Subrule (1): passes unanimously</p>
16-222 and Appendix B Note 2018-OA-010	Amend requirements for equipment connected to Class 2 circuits	<p>Motion: Vladimir Gagachev Seconded: Chris Magnusson</p> <p>Vote to accept as written: passes unanimously</p>
24-104(2) 2018-OA-011	Delete current Ontario Amendment to Rule 24-104(2)	<p>Motion: Barry Buchanan Seconded: Tim Pope</p> <p>Vote: passes unanimously</p>
26-724 2018-OA-012	Delete current Ontario Amendment to Rule 26-724(f)(i) (2015)	<p>Motion: Vladimir Gagachev Seconded: Eerik Randsalu</p> <p>Vote: passes unanimously</p>
28-500(4) and Appendix B Note New 2018-OA-013	Add new requirement for use of manual motor controllers not suitable as disconnecting means	<p>Changes: changed “manual motor controller” to “manually operated across-the-line type of motor starter”, “isolate” to “disconnect” and removed “isolate” from the Appendix B note and added “LOCATED”. Added “WARNING: DO NOT USE TO DISCONNECT MOTOR” to a Appendix B</p> <p>Motion: Phil Lasek Seconded: Peter Olders</p> <p>Discussion: ESA will send a proposal to Part 2 standard to be reviewed. This builds on the marking request from 15 years ago. There is limited space for a marking and in the field they will have to find the location for it. Definition for Manual Motor Disconnect is not included. Concern that this allows people to use the equipment that is not marked. Should we stay with a generic term instead of “Motor Disconnect.” Vlad has put this forward to product standards and they agree with it because it does not impose an extra burden. There is a difference between isolate and disconnect (which is breaking/interrupting the load).</p> <p>Motion on change: Barry Buchanan Seconded: Rob Smith</p> <p>Discussion:</p> <p>Vote to accept the changes of manually operated across the line type of motor starter: passes unanimously</p> <p>Vote to accept with the changes: passes</p>



		unanimously
30-200(1) 2018-OA-014	Delete existing Ontario Amendment to CE Code Rule 30-200(1)	Motion: Barry Buchanan Seconded: Peter Olders Vote: passes unanimously
Rule 64-000 and 64-900s New 2018-OA-015	Include energy storage systems in Section 64	Changes: “ESS” changed to “energy storage system” in 64-908. Motion: Phil Lasek Seconded: Tim Pope Discussion: The standard was moved to appendix B because it is further clarification. ESA will create a bulletin to show where an acceptable location is. This does not tie in with rapid shut down for solar systems. Vote to accept with the change: passes unanimously
68-072 New 2018-OA-016	Add new requirement for disconnecting means for pools and hot tubs	Motion: Phil Lasek Seconded: Barry Buchanan Discussion: Rule 68-068 is used as a reminder. It is left in and ESA will publish it in the pool bulletin. Vote: passes unanimously
75-904 2018-OA-017	Amend Specification 41 to include height requirements for a pole mounted transfer device	Motion: Barry Buchanan Seconded: Chris Magnusson Vote: passes unanimously
Appendix A 2018-OA-018	Amend Appendix A as non-mandatory	Motion to reject and close the subject: Vladimir Gagachev Seconded: Tim Pope Vote to reject, close the subject: passes unanimously
Appendix B Note to Rule 2-024 2018-OA-019	Amend to recognize other certification bodies	Changes: removed “or other recognized” Motion: Dave Sinclair Seconded: Rob Smith Discussion: Certification defined by Certification Body of Canada, this does not specify which body. 2-024 points to the product safety regulations. Motion to remove “or other recognized”: Peter Seconded: Dave Sinclair Vote to remove “or other recognized” from the amendment: passes unanimously Vote to remove to “-13”: passes unanimously
78-000, 78-200 to 78-210 and 78-052 2018-OA-020	Delete current Ontario Amendment to Rules 78-000 and 78-200 to 78-210, and amend Rule 78-052 (CE Code 2018) to clarify GFCI	Motion: Barry Buchanan Seconded: Malcolm Brown Vote: Passed unanimously



	requirements for branch circuits	
30-1400 and Appendix B Note 2018-OA-021	Clarification that Rules 30-1402 to 1410 apply to LED luminaires supplied by Power over Ethernet	Motion: Tim Pope Seconded: Barry Buchanan Vote: passed unanimously
26-656 New 2018-OA-022	Increased AFCI requirements in dwelling units	Motion to reject the proposal and close the subject: Peter Olders Seconded: Malcolm Brown Discussion: The negatives ESA received from the public review were technical due to the nuisance tripping. The CE Code AFCI proposal is there with ESA support but we are hearing that there are still problems. There is an active proposal in CEC Section 26. NEC introduced this room by room instead of by circuit like ESA, NEC is not seeing the tripping as we are. We do have data regarding appliances fires but it is not broken down to specific appliances. AFCI's are intended to prevent fires within the wire, not the appliance. When introduced at the CEC, remove the kitchen where most the tripping is. Vote to reject the proposal and close the subject: passes with 12 votes, against Dave Sinclair, Vladimir Gagachev, Martin Lem, Eerik Rondslau.
30-1009 New 2018-OA-023	Clearances of poles supporting luminaires	Changes: removed from appendix B "phase line to ground at maximum sag above the pole supporting luminaires" and "line to ground" Motion: Malcolm Brown Seconded: Barry Buchanan Discussion: none Vote to accept with changes : passes unanimously
30-1300 2018-OA-024	Amend requirement for Roadway lighting systems near distribution lines	Changes: Added "Where poles are installed..." and "the clearances" Motion: Barry Buchanan Seconded: Dave Sinclair Vote to accept with the changes: passes unanimously
16-310 and 16-330 (8) New	Amend ampacity rating of Power over Ethernet	Motion to reject proposal and close the subject: Malcolm Brown Seconded: Barry Buchanan

2018-OA-025	(PoE) source equipment	<p>Discussion: Would not like the item closed because it is a safety issue as no one is regulating the use of No. 24 AWG. This proposal is being enforced as an emergency amendment in the NEC. Electrofed sent it to its members and they agreed to it. There is a proposal to use this as a bulletin and wait for the CE Code.</p> <p>Vote to reject and close the subject: passes with 2 against (Peter Olders and Martin Lem)</p>
<p>New Proposals submitted too late to be considered:</p> <ul style="list-style-type: none"> • Conceal service ground wire and bond wire on the exterior of buildings and stand alone services • 2-005(d) – remove the term “owner occupied” • 2-306 – would like to bring the Rule to be more in line with CSA-Z462 <p>Motion to adjourn: Barry Buchanan</p>		
<p>Next meeting: TBD</p>		