



**Ontario Provincial Code Council  
Meeting Minutes**

January 15, 2015 9:00 am - 3:00 pm

**Attendees:** Vladimir Gagachev, John Gryffyn, Malcolm Brown, Chris Magnusson, Barry Buchanan, Pierre Macdonald, George Chelvanayagam, Mel Fruitman, Peter Olders, Rob Smith, Phil Lasek, Dave Sinclair, Ted Olechna

**Absent:** Maurice Tucci, Eerik Randsalu, Shawn Paulsen, Tony Poirier

**Guests:** Patrick Falzon, Tatjana Dinic, Nansy Hanna, Ray Yousef, Farrah Bourre, Mary Beth Fazzari

9:00 am	<p><b>Membership Introductions &amp; Housekeeping Items</b></p> <ul style="list-style-type: none"> <li>• New Member: Phil Lasek</li> <li>• Malcolm Brown has proxy for Ted Olechna for any Voting requirements.</li> </ul>
9:15 am	<p><b>Ontario Amendment Review</b>  <i>Nansy Hanna, Director –Engineering &amp; Programs</i>  <i>Presented by Tatjana Dinic, Ray Yousef &amp; Patrick Falzon</i></p>
	<p>Overview on the development of the CEC and OESC and the consultation process.</p> <p>OA 2-022</p> <ul style="list-style-type: none"> <li>- Question regarding Battery Operated equipment; size of battery is a factor. There is no indication on the size of Battery Operated equipment exempt from the rule.</li> <li>- Clarification of 5(a) so it does not include things like medical devices (hearing aids, watch etc)</li> </ul> <p><b>Action:</b> information on limitations for hazardous locations – Phil Lasek to TD</p> <ul style="list-style-type: none"> <li>- Appendix B note or bulletin for clarification required.</li> <li>- Add in Subrule (1) Except as permitted in Sub (3)?</li> <li>- Discussion regarding Sub (3)(b) &amp; (c) and the double negatives</li> <li>- 5(b) question regarding accessories with equipment, should specify requirement for approval of add on accessories. – Appendix B note Clarification?</li> </ul> <p>60 10 – 1 include leads/ accessory equipment?</p> <p><b>Action:</b> Review the Part 2 standard regarding accessories and requirements. – TD</p> <ul style="list-style-type: none"> <li>- Sub(3)(d) Canada does not have jurisdiction over approval in other countries. The rule is meant to exempt equipment from Canadian Approval</li> <li>- Is 16-222 being omitted?</li> </ul> <p>OA 16-222</p> <p>-Entire rule being deleted and amended. Appendix B note Deleted as well.</p> <p>OA 2-102</p> <ul style="list-style-type: none"> <li>- Questions and clarification regarding approvals on Retrofit kits and inspection, what constitutes a retrofit and approval requirements.</li> </ul> <p>OA 3-002</p> <ul style="list-style-type: none"> <li>- Question regarding the version of SPE listed. As per Code Rules, the version is required to be specified.</li> </ul> <p><b>Action:</b> Add more rationale regarding SCC and Appendix C requirements.</p> <ul style="list-style-type: none"> <li>- Should Section 3 just be deleted? Just an Appendix B Note added to 2-024</li> </ul> <p><b>Motion to move forward with Consult on deletion Section 3 – Barry Buchanan, second –</b></p>



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Peter Olders

**Vote:** All Agree

- SPE 1000 still needs to be referenced in the code.
- Appendix B Note added to 2-024(2)
- Deletion may require more changes in 2-024 to capture information from deletion.

OA 10-004

- Question regarding bracketed information.
- Are Columns and beams required to be part of the grounding?
- What is meant by "permanently"?

Clarification of what is "permanently bonded"? Appendix B note or Bulletin for clarification.

- Proposal has been made for next code cycle to CEC for requirements for effective grounding and permanently bonded.

OA 32-110(e)

- Proposal has been submitted to CEC for next Code and is being supported in the subcommittee.
- Cost for homebuilders was also a factor.
- Editorial correction GFCI and AFCI need to be not abbreviated.
- When a smoke detector fails, what happens when it is replaced by a non-battery backup. Not possible with the standard change.
- AFCI issue with false tripping issue.  
Is this still an issue? No, newer products do not have false tripping issue.
- Stand alone Carbon Monoxide alarm is still not allowed to be connected to a GFCI or AFCI.
- Rule is only applicable to Smoke Alarms and Combination Smoke/ Carbon Monoxide.
- This is the rule that will be accepted in the CEC.

OA 30-1400 – 1408

- New Rules
- New Installations with complete house wired and supplied from a class 2 power supply.
- Is this applicable to POE using Cat 5 or 6 communication cable.

Yes, if it involves LPS; however you cannot use Class 2 wiring for these installations.

Also cannot use regular 120 V wiring.

- Issue is not with shock or fire hazard, but protection of the wiring/ conductors so that these installations meet the minimum protection requirements.

**Action:** Rob Smith situation with large scale Power over Ethernet installations. – Rob Smith to send information to Tatjana.

- Why do you need to use class 2 wiring for LED lighting?
- Other requirements if not using Class 2

OA 72-114

- Height restriction? Did not go through for because it was not specific for EV charging stations.
- If the pedestal is not approved as a device, then the measurements are required but

- should be specified as being from the receptacle.
- Can't guarantee how people are going to park, but this will help to minimize the hazards due to extension cord use.
  - Does it introduce safety hazards to not require the breaker/ Disconnect switch with the receptacle. Is this too restrictive. 1 Breaker could feed numerous power outlets and still be accessible, but further from the sites.
  - Currently they are using a disconnect switch and outlet. At sites already.
  - Action: Modify the amendment to specify receptacle only, or add Appendix B note to clarify that Supply can be xx distance away, but accessible to the stands it is feeding.
  - 72-106 already requires Supply to be accessible.
- OA 26-744
- Still requirement for a 120 V receptacle, covered in another rule. Only applies to the Power outlet.
  - Will not affect the service size unless a very small residence. If a future resident decides to use Electric range, they would require a service upgrade on residences smaller than 1500 sq ft.
  - Removes design criteria from the code because there is no safety impact. Also aligns with the OBC.
- OA 2-005
- New Definition for Licensed Contractor and addition to align with TSSA requirements.
  - TSSA has reviewed and are good with the amendment.
- OA 20-034
- Aligns with new TSSA Gas Code
- OA 20-062
- Alignment with TSSA
  - Certified is specified in the rule because there is only one option for certification, cannot be field evaluated, etc.
- OA 30-200
- Still being discussed at Subcommittee level. For safety value we are recommending the OA in the interim.
  - Possibility of edit to remove with all lamp(s) completely enclosed.
- OA 78-000
- Biggest impact is protection of the feeder as well as the receptacle.
  - Will be submitted to the CEC as well, as currently written.
  - If an GFCI cannot be used, will a dead front be allowed? Would need to be dealt with on an individual installation basis.
  - 26-700 rules, possible in Appendix B or Bulletin. Intent is protect the branch circuit.
  - Will be taken back for consideration, will require definition of the beginning of circuit, length etc.



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12:00 pm	<ul style="list-style-type: none"><li>- What if the boat house is a dwelling unit? OA 2-004(4) &amp; (7)</li><li>- Minor Editorials for clarification of the rules.</li></ul> <p><b>New CEC Rule 64-218: PV Rapid Shutdown</b></p> <ul style="list-style-type: none"><li>- ESA may issue a postponement to this Rule because the language is confusing and there are not enough products on the market to ensure it is feasible for installers.</li><li>- Intent is to work with the OFM to determine the best location of the switch for Rapid Shutdown.</li><li>- Was intended to harmonize with the NEC and the NEC language will be changing.</li></ul> <p><b>ACTION:</b> For any changes or comments regarding the Ontario Amendments, please forward your comments directly to Nisha Craighead – All Committee Members</p> <p>Voting on the Ontario Amendments will take place in April.</p> <p><b>Next Meeting: April 8, 2015 – 9am to 3pm</b></p>
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