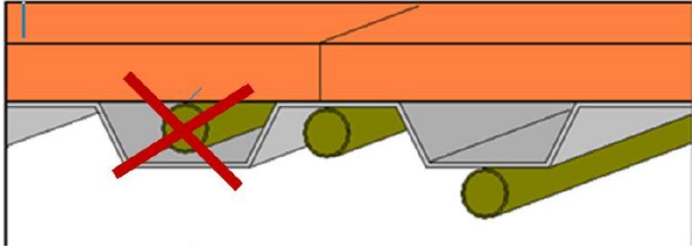


2021-OA-001: Rule 2-005 c) iii) Description of Change: Amend existing Rule 2-005 to clarify that installations, which fall within the scope of section 38, are not included in the exemption.			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	No change in the proposal 2021-OA-001
2021-OA-002: Rule 4-004 26) Description of Change: Service and feeder conductors size for single dwelling units			
Submitted by	Stakeholder Comment	ESA response	Proposed change
OPCC member	<p>OESC Code Rule: 4-004 26) Support/Oppose: Support Rationale: Clarify title of proposed Table 39 to include "cables" Suggestion for Improvement: Add word "cables" to title of Table 39 for single dwellings, similar to what is done below for feeders Alternative Proposal: ...120/208V service conductors and "cables" for single dwellings..... Comments:</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, the suggested change has been made based on the submitted comment.</p>	<p><i>All changes in this revised draft have been highlighted and underlined (for additions) or strikethrough (for deletion)*</i> 2021-OA-002</p>
OPCC member	<p>OESC Code Rule: 4-004 26) Support/Oppose: Support Rationale: Provide users exactly which rules permit the extra 5% to avoid any confusion Suggestion for Improvement: Within the * note, add the specific rules that can apply the extra 5% Alternative Proposal: * Loads calculated in accordance with 8-200 1)a), 8-200 2) and 8-202 1) are permitted.... Comments:</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, the suggested change has been made based on the submitted comment.</p>	

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2021-OA-003: Rule 10-611			
Description of Change: Delete existing Ontario Amendment to CE Code Rule 10-611			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	No change in the proposal 2021-OA-003
2021-OA-004: Rule 12-022			
Description of Change: Delete existing Ontario Amendment to CE Code Rule 12-022			
Submitted by	Stakeholder Comment	ESA response	Proposed change
Infrastructure Health & Safety Association (IHSA)	<p>OESC Code Rule: 12-022 Support/Oppose: Support Rationale: During roof system removal operations or when mechanically attaching rigid board insulation or membranes, roofing professionals sometimes find electrical conduits embedded within roof systems or placed directly below roof decks. Cables and raceways installed in proximity to roof systems or roof decks may be subject to mechanical damage during roof installation or repairs. Nails and screws used to penetrate the roofing from the top during the roof installation process could easily penetrate electrical cables and raceways installed within or adjacent to roof systems or roof decks. This could result in electrical shock or fire hazards. Proper placement of electrical cables can prevent damage to electrical equipment below metal roof decks and significantly reduce the risk of electrical-related injury and death. Employees in the service sector such as the roofers and industrial maintenance workers will benefit directly from the improved level of safety. There will also be savings for</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC).</p> <p>The suggestion may be submitted to CSA Technical Subcommittee of Section 12 as a new proposal to the CE Code.</p> <p>Should you wish to submit a proposal to the CE Code, please refer to Appendix C of the CE Code for process on submitting a request for amendments.</p>	No change in the proposal 2021-OA-004

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	<p>building owners, building tenants, and employers of the workers because of the reduced electrical contact incidences.</p> <p>Suggestion for Improvement: The pictogram in the proposal does not address the potential electrical contacts due to the proximity of the cable (i.e. the cable in the middle of the picture). Replace the pictogram in the current proposal with the picture below. Please note that the extra “X” over the middle cable would indicate to avoid installing the cable in this area to prevent electrical contact during repair work. The cable installed on the far right would be the most appropriate position and the safest location.</p>  <p>Alternative Proposal: 1. A cable, raceway, or box, installed in exposed or concealed locations under metal-corrugated sheet roof decking, shall be installed and supported so there is not less than 38 mm (1.5 in) measured from the lowest surface of the roof decking to the top of the cable, raceway, or box. 2. All electrical equipment shall be protected from mechanical injury by a steel plate not less than 5 mm (3/16 in) thick extends at least 38 mm (1.5 in) beyond the electrical equipment on each side.</p> <p>Comments:</p>		
<p>Ontario Industrial</p>	<p>OESC Code Rule: 12-022 Support/Oppose:</p>	<p>Thank you for your feedback.</p>	

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Roofing Contractors Association	<p>Rationale: Suggestion for Improvement: This looks good. One suggestion. I would add under “Additional Comments” the following: When roofing contractors are mechanically fastening roof system components at the roof level there are instances when they are unable to see electrical cables under the roof deck from inside the building due to finished ceilings. This results in the applicator fastening “blind” into the roof deck. This is why the “Alternate Proposals” provide the greatest level of protection against electrical contact by the mechanical fastening process. Alternative Proposal: Comments:</p>	<p>Similarly, to suggestion issued to IHSA above, the suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC).</p> <p>The suggestion may be submitted to CSA Technical Subcommittee of Section 12 as a new proposal to the CE Code.</p> <p>Should you wish to submit a proposal to the CE Code, please refer to Appendix C of the CE Code for process on submitting a request for amendments.</p>	
<p>2021-OA-005: Rule 20-030 Description of Change: Delete existing Ontario Amendments to address Cylinder Exchanges</p>			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	<p>No change in the proposal 2021-OA-005</p>
<p>2021-OA-006: Rules 64-000 1), 64-002 and 64-900 to 64-908 Description of Change: Delete existing Ontario Amendment to CE Code Rule 64-000 1), Rule 64-002 Special Terminology – ESS and 64-900 to 64-908</p>			
Submitted by	Stakeholder Comment	ESA response	Proposed change

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None	-	-	No change in the proposal 2021-OA-006
2021-OA-007: Rule 68-072			
Description of Change: Clarify existing Ontario Amendment to reflect ESA direction published on bulletin 68-7-14 (October 2019)			
Submitted by	Stakeholder Comment	ESA response	Proposed change
Licensed Electrical Contractor	<p>OESC Code Rule: 68-072 Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: Glad this change came into effect. It was not thought out well when initially introduced. This will made a big difference on installations.</p>	Thank you for your feedback.	<p><i>All changes in this revised draft have been highlighted and underlined (for additions) or strikethrough (for deletion)*</i> 2021-OA-007</p>
OPCC member	<p>OESC Code Rule: 68-072 Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: The original “new” proposed text is <u>Blue underline without highlights</u>. For sake of recognizing any additional proposed changes the text is <u>blue underline and highlighted yellow</u>. 2021-OA-007 Modify current Ontario Amendment to Rule 68-072 I believe the wording could provide more clarity regarding the location of the disconnecting means and its purpose. As written a maintenance person may not know where to find the disconnecting means and attempt to work on the</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, the submitter has retracted the suggestion for a new sub-rule e).</p> <p>Other selected changes have been made based on the submitted comments.</p>	

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	<p>equipment energized. The rule also says capable of being locked which one may interpret to mean simply the enclosure and not the disconnecting mechanism itself. (handle or other feature) Add Rule 68-072 as follows: 68-072 Maintenance disconnecting means for pool pumps, spas, and hot tubs (see Appendix B) A disconnecting means rated to interrupt the connected load shall be provided for a pool pump, spa, and hot tub, and shall be a) readily accessible; b) within sight of its equipment located outdoors when the equipment is located outside of a dwelling; and c) located not closer than 1.5 m from the inside walls of the pool, spa, or hot tub unless behind a permanent barrier that will prevent the occupant of the pool, spa, or hot tub from contacting the device. ;and d) lockable capable of being locked in the open position when not within sight of the its equipment ;and e) when located in accordance with item d), a permanent diagram shall be placed within a conspicuous location about the equipment to indicate the location of the equipment disconnecting means</p>		
<p>2021-OA-008: Rule 72-114 Description of Change: Delete existing Ontario Amendment 72-114 and associated Appendix B note</p>			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	<p>No change in the proposal 2021-OA-008</p>

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2021-OA-009: Rule 75-000			
Description of Change: Amend current Ontario Amendment to Rule 75-000 to include central metering systems			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	No change in the proposal 2021-OA-009
2021-OA-010: Rule 75-002			
Description of Change: Amend current Ontario Amendment to Rule 75-002 to include new definitions and Appendix B note			
Submitted by	Stakeholder Comment	ESA response	Proposed change
Local Distribution Company (Hydro Ottawa)	<p>OESC Code Rule: 75-002 Support/Oppose: Oppose Rationale: Central Metering Definition - should include cases of customer owned transformation, or where the transformer is on the utility side of the demarcation Suggestion for Improvement: remove words "to an embedded supply authority owned transformer" from the CMS definition Alternative Proposal: Comments: Hydro Ottawa does not permit central metering on new installations, suggestion has no impact to our operation.</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, selected changes have been made based on the submitted comments.</p> <p>This definition is based on standard utility practice for those utilities that permit central metering as part of their conditions of supply. As a result, the definition has been updated per other feedback.</p>	<p><i>All changes in this revised draft have been highlighted and underlined (for additions) or strikethrough (for deletion)*</i> 2021-OA-010</p>
Local Distribution Company (Hydro Ottawa)	<p>OESC Code Rule: 75-002 Support/Oppose: Oppose Rationale: word change on definition of demarcation point in Appendix B for clarity</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed</p>	

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	<p>Suggestion for Improvement: Change word "indicated" to "defined" Alternative Proposal: Comments:</p>	<p>with the Ontario Provincial Code Committee (OPCC). After this discussion, the suggested change has been made based on the submitted comment.</p>	
<p>OPCC member</p>	<p>OESC Code Rule: 75-002 Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: The <u>original</u> "new" proposed text is <u>Blue underline without highlights</u>. For sake of recognizing any additional proposed changes the text is <u>blue underline and highlighted yellow</u>. 75-002 Special terminology (see Appendix B) In this Section, the following definitions and abbreviations apply:</p> <p>I am not certain we should lead into the definition saying it is a secondary system. The central metering system itself isn't a secondary system, it's connected to a secondary system owned by the utility. I am also not sure why it is important to mention "without a secondary breaker or switch. If there is a breaker or switch then it would be treated like a consumers service box. As written it appears as if the supply authority is the one not supplying the secondary breaker or switch. To try and separate this I added commas on both sides.</p> <p>The following edits are suggested.</p> <p>CMS — central metering system <u>secondary system with one centralized meter a provision for measuring power consumption that is centrally located on</u></p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, selected changes have been made based on the submitted comments.</p>	

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	<p>the consumer side of the demarcation point to an embedded supply authority owned transformer, without a secondary breaker or switch, that to supplies any number of one or more consumer services on the same premise.</p> <p>I suggest using the term interconnection versus interface. It is possible that a consumer installation and utility infrastructure are “interfacing” on a control level that may be on either side of the demarcation point, particularly for larger renewable energy installations.</p> <p>Demarcation point- the physical point of interconnection between location where consumer owned electrical infrastructure and interfaces with the supply authority’s distribution system.</p>		
<p>2021-OA-011: Rule 75-200 Description of Change: Revised framing specifications</p>			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	<p>No change in the proposal 2021-OA-011</p>
<p>2021-OA-012: Rule 75-306 Description of Change: Amend current Ontario Amendment to Rule 75-306 to include minimum breaking load</p>			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	<p>No change in the proposal 2021-OA-012</p>

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2021-OA-013: New Rule 75-406			
Description of Change: Revised Ontario Amendment Rule 75-406 to clarify different attachment methods for neutral conductors on poles			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	No change in the proposal 2021-OA-013
2021-OA-014: New Rule 75-504			
Description of Change: Revised Ontario Amendment Rule 75-504 to recognize other approved methods to connect conductors			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	No change in the proposal 2021-OA-014
2021-OA-015: Rule 75-604			
Description of Change: Revised Rule 75-604 to provide sag of quadruplex conductors.			
Submitted by	Stakeholder Comment	ESA response	Proposed change
OPCC	- Per the discussion with the Ontario Provincial Code Committee (OPCC), some suggested changes have been implemented to reflect change of unit measurements from cm to mm.	The suggestion has been considered by ESA and implemented in the revised proposal.	All changes in this revised draft have been highlighted and underlined (for additions) or strikethrough (for deletion)* 2021-OA-015

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2021-OA-016: Rule 75-710			
Description of Change: Amend current Ontario Amendment to Rule 75-710 to include of new structures under or near existing customer owned powerlines			
Submitted by	Stakeholder Comment	ESA response	Proposed change
OPCC member	<p>OESC Code Rule: 75-710 d) Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: The <u>original</u> “new” proposed text is <u>Blue underline without highlights</u>. For sake of recognizing any additional proposed changes the text is <u>blue underline and highlighted yellow</u>. Rule 75-710 d) seems to be missing something. It just says “wind driven” and the original word stricken out was windmill. Is this supposed to be “wind driven generator”? Appendix B – suggest slight reword to indicate this is only a partial list, also adding “may” better aligns with the rule as it depends on where these structures are located whether or not the rules will apply.</p> <p>Structures <u>may</u> includes <u>but not limited to:</u> flood lighting poles, signs, flagpoles or other high reach objects, mobile homes, trailers, tents and amusement devices used for events such as carnivals and entertainment.</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, selected changes have been made based on the submitted comments.</p> <p>“Wind mills” have been decided to be kept instead of being replaced with “wind driven”.</p> <p>The proposed wording for the Appendix B note has been accepted.</p>	<p><i>All changes in this revised draft have been highlighted and underlined (for additions) or strikethrough (for deletion)*</i> 2021-OA-016</p>
2021-OA-017: Rule 75-902			
Description of Change: Revised Rule 75-902 to recognize ground mounted central metering systems.			
Submitted by	Stakeholder Comment	ESA response	Proposed change
Local Distribution	<p>OESC Code Rule: 75-902 (a) Support/Oppose: Oppose Rationale: transformer could be customer owned</p>	<p>Thank you for your feedback.</p>	<p><i>All changes in this revised draft have been highlighted and</i></p>

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<p>Company (Hydro Ottawa)</p>	<p>Suggestion for Improvement: remove the words "supply authority's embedded" for (i) and "embedded" from (ii) Alternative Proposal: Comments: Hydro Ottawa does not permit central metering on new installations, suggestion has no impact to our operation.</p>	<p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC).</p> <p>OESC Rule 75-902 does not mandate the use of CMS, it is up to the utility as per their condition of service.</p>	<p><i>underlined (for additions) or strikethrough (for deletion)*</i> 2021-OA-017</p>
<p>OPCC member</p>	<p>OESC Code Rule: 75-092 d) Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: The <u>original</u> "new" proposed text is <u>Blue underline without highlights</u>. For sake of recognizing any additional proposed changes the text is <u>blue underline and highlighted yellow</u>. Suggest slight rewording of 75-092 d) for better flow</p> <p>d) Overhead wiring shall <u>be</u> i) <u>be</u> neutral-supported cable with a minimum of No. 2 AWG aluminum; and, ii) when parallel conductors are installed, shall comply with Rule 12-108 <u>when parallel conductors are installed</u> or iii) for over 200 A, open wire bus shall <u>be permitted as</u> open wire bus <u>for over 200 A</u>.</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, changes have been made based on the submitted comments.</p>	
<p>Local Distribution Company (Hydro One)</p>	<p>OESC Code Rule: 75-902 Support/Oppose: Rationale: Of the 4 allowed connections, they could be either load or generation. Generation may not be on/in a building; but rather a 'structure'. Suggestion for Improvement: For Clause b): change</p>	<p>Thank you for your feedback.</p> <p>The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC).</p>	

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	'building' to 'structure' or 'building or structure' Alternative Proposal: Comments:	This rule is intended to cover requirements for disconnecting means for loads. For generation of alternative energy sources, rules in Section 84 will apply.	
Local Distribution Company (Hydro One)	OESC Code Rule: 75-902 Support/Oppose: Rationale: Suggestion for Improvement: Looking for clarity on the contents of Specification 41.1 (presumably for padmounted CM services) Alternative Proposal: Comments:	Thank you for your feedback. The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, the proposed specification has been moved to an Appendix B note.	
2021-OA-018: Rule 75-904 Description of Change: Revised Rule 75-904 to allow other methods to install a transfer device.			
Submitted by	Stakeholder Comment	ESA response	Proposed change
Local Distribution Company (Hydro One)	OESC Code Rule: 75-904 Support/Oppose: Rationale: Transfer devices may be installed on poles w/ Utility embedded equipment; and as such should be subject to utility specified clearances etc. Suggestion for Improvement: add another clause: "in compliance with the requirements of the supply authority" Alternative Proposal: Comments:	Thank you for your feedback. The suggestion has been considered by the ESA and has been discussed with the Ontario Provincial Code Committee (OPCC). After this discussion, suggested changes have been made based on the submitted comments.	<i>All changes in this revised draft have been highlighted and underlined (for additions) or strikethrough (for deletion)*</i> 2021-OA-018
2021-OA-019: Specification 28 Description of Change: Revised current Ontario Amendment Specification 28			
Submitted by	Stakeholder Comment	ESA response	Proposed change

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None	-	-	No change in the proposal 2021-OA-019
2021-OA-020: Specification 34 Description of Change: Revise current Ontario Amendment Specification 34 to include other grounding electrodes			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	No change in the proposal 2021-OA-020
2021-OA-021: Specification 45 Description of Change: Revise current Ontario Amendment Specification 45-editorial			
Submitted by	Stakeholder Comment	ESA response	Proposed change
None	-	-	No change in the proposal 2021-OA-021
Other Comments not related to the submitted material			
Submitted by	Stakeholder Comment	ESA response	Proposed change

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<p>Licensed Electrical Contractor</p>	<p>OESC Code Rule: 8-200(1)(b) Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: I would like to submit a change to the upcoming electrical code. As per 8-200(1)(b) the minimum size of service for a house in excess of 860 square feet is 100 amps and 120/240V. However, under the Green Energy Act, anybody can do a solar, wind, etc. installation for this house if it is off grid and there is no minimum. I understand that the OESC does not deal with licensing, so that's off the table. But there should be a minimum requirement for an off grid system. A 400W solar panel with a couple of car batteries connected to a 120V inverter just doesn't seem adequate.</p>	<p>Thank you for your feedback.</p> <p>Unfortunately, we are unable to consider new code proposals at this point in the process.</p> <p>The suggestion requires a proposal to the technical Subcommittee of Section 8 of the CE Code.</p> <p>Should you wish to submit a proposal to be considered for the next CE Code, please refer to Appendix C of the CE Code for process on submitting a request for amendments.</p>	
<p>Submitted by</p>	<p>Stakeholder Comment</p>	<p>ESA response</p>	<p>Proposed change</p>
<p>Licensed Electrical Contractor</p>	<p>Comments: I was inquiring to see if the new code will include more information on the use and installation of DLO type cable. I find this type of cable is quickly becoming a larger portion of our industry as a permanent installation (ie> power bus way systems), yet it is still referred to in the code in T11 as a "portable power cable".</p>	<p>Thank you for your feedback.</p> <p>The CE Code has not changed in regards to DLO cable installations.</p> <p>Should you wish to submit a proposal to be considered for the next CE Code cycle, please refer to Appendix C of the CE Code for process on submitting a request for amendments.</p>	

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<p>Licensed Electrical Contractor</p>	<p>Comments: One change that should happen is all bullets should be put on the web page. A lot of contractors don't get them including myself</p>	<p>Thank you for your feedback.</p> <p>Bulletins and updates are available free of charge with the purchase of the current OESC. Please register with CSA Group to receive bulletin updates. A link is provided on the yellow page inside of the Code book.</p>	
<p>Public</p>	<p>Comments: Never mind change code book every year book should be free of cost</p>	<p>Thank you for your feedback.</p> <p>Ontario Electrical Safety Code consists of the CE Code with Ontario amendments. CE Code is published by CSA and available for viewing on the CSA website free of charge. Ontario amendments are available free of charge and downloadable from the ESA website.</p>	
<p>Electrician</p>	<p>OESC Code Rule: 4-022 1 and 2 Support/Oppose: Rationale: Suggestion for Improvement: Does this mean that a switch leg is no longer allowed? Alternative Proposal: Comments: Technical Safety BC lists the top 22 changes in the CEC. Ontario's code is very similar to the CEC. I think some clarification is needed around rules: These are only a small few examples of confusion where some of these codes are concerned. Clarification is needed where some aspects of this code contradict others.</p>	<p>Thank you for your feedback.</p> <p>The question is not related to the current changes in CE Code 2021 or proposed Ontario amendments.</p> <p>Clarifications and interpretations will be published through bulletins, as needed.</p>	

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<p>Electrician</p>	<p>OESC Code Rule: 6-212 Support/Oppose: Rationale: Suggestion for Improvement: Does this include instances where line-side conductors entering a switch from the bottom of its enclosure, because it's the shortest route, is not allowed because they will cross load-side conductors exiting the enclosure from the bottom too? Alternative Proposal: Comments: Technical Safety BC lists the top 22 changes in the CEC. Ontario's code is very similar to the CEC. I think some clarification is needed around rules: These are only a small few examples of confusion where some of these codes are concerned. Clarification is needed where some aspects of this code contradict others.</p>	<p>Thank you for your feedback.</p> <p>The question is not related to the current changes in CE Code 2021 or proposed Ontario amendments.</p> <p>Clarifications and interpretations will be published through bulletins, as needed.</p>	
<p>Electrician</p>	<p>OESC Code Rule: 18-004 Support/Oppose: Rationale: Suggestion for Improvement: Hazardous area classifications are to be carried out by a "qualified person" as described in section 0. The definition of qualified is very vague and needs expansion. Is it an electrician or an electrician with specific experience in the hazardous location? Alternative Proposal: Comments: Technical Safety BC lists the top 22 changes in the CEC. Ontario's code is very similar to the CEC. I think some clarification is needed around rules: These are only a small few examples of confusion where some of these codes are concerned. Clarification is needed where some aspects of this code contradict others.</p>	<p>Thank you for your feedback.</p> <p>The question is not related to the current changes in CE Code 2021 or proposed Ontario amendments.</p> <p>Clarifications and interpretations will be published through bulletins, as needed.</p>	

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<p>Electrician</p>	<p>OESC Code Rule: 32-200 Support/Oppose: Rationale: Suggestion for Improvement: The allowance of combination smoke/CO alarms connected to AFCI/GFCI circuits as long as they have battery back-up. If there is a battery back-up, there is a good chance that the battery will drain to empty without anyone taking notice. If the smoke/CO alarm is on an AFCI/GFCI circuit that has tripped, it may be on a circuit that is seldom used and the possibility of a failure in the case of a fire. Alternative Proposal: Comments: Technical Safety BC lists the top 22 changes in the CEC. Ontario's code is very similar to the CEC. I think some clarification is needed around rules: These are only a small few examples of confusion where some of these codes are concerned. Clarification is needed where some aspects of this code contradict others.</p>	<p>Thank you for your feedback.</p> <p>The question is not related to the current changes in CE Code 2021 or proposed Ontario amendments.</p> <p>Clarifications and interpretations will be published through bulletins, as needed.</p>	
<p>Licensed Electrical Contractor</p>	<p>OESC Code Rule: Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: I would recommend implementing a regulation for emergency stops to be installed for the health and safety of firemen near main entrance s for any and all alternate energy sources of production energy systems in addition to the Ontario hydro grid</p>	<p>Thank you for your feedback.</p> <p>The suggestion may be submitted as a new proposal to the CE Code.</p> <p>Should you wish to submit a proposal to the CE Code, please refer to Appendix C of the CE Code for process on submitting a request for amendments.</p>	

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<p>Public</p>	<p>OESC Code Rule: Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: Arc Fault protection! No doubt there are many suggestions regarding these devices. I am frequently questioned by clients and other tradespeople about the need for utility receptacles to be arc fault protected, considering they usually supply a motor load which is more likely to cause nuisance tripping. Sometimes a home's main source of heat is a plug-in boiler, which we obviously want to keep working. One exemption that should be obvious is the receptacle for an in-floor sewage pump within a home. Not just because if the circuit trips needlessly a person's home may become somewhat flooded in their own wastes, but because it is already, by definition if not in practice, exempted. Please examine the definition the word SUMP. It does in no way refer only to a pit into which ground water flows, but really any fluid at all and is generally likened to a cesspit. With all due respect, it appears to EVERYONE ELSE that the architects of our code have seriously dropped the ball on this one. Sure, we don't want ground water to flood the basement - but we REALLY don't want sewage to.</p>	<p>Thank you for your feedback.</p> <p>The suggestion may be submitted as a new proposal to the CE Code.</p> <p>Should you wish to submit a proposal to the CE Code, please refer to Appendix C of the CE Code for process on submitting a request for amendments.</p> <p>Additional information related to AFCI nuisance tripping can be found at this link:</p> <p>https://esasafe.com/contractors/afci- nuisance-tripping/</p>	
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<p>Licensed Electrical Contractor</p>	<p>OESC Code Rule: 68-058 1) Support/Oppose: Support Rationale: This has been a confusion/problem with many inspectors. The code specifically states "associated with" and the inspectors take that to mean "all" inclusively. I have had this ruling by inspectors overturned multiple times, but many still state it is required. To make things simple, a bulletin should be put out to clarify. Example - a metal downspout within 3m of a hot tub, is not associated with the hot tub, therefore it is not required to be bonded. Many inspectors have stated to me that it doesn't matter its metal. I agree that it is metal, but if the code does not stated I have to bond it, due to it not being associated with the "pool", then defects cannot be given based on their own assumptions. Solution - add an example to a bulletin, that states it is not required, or change the word to "all". Bonding metal that is not associated with the "pool" that is not currently in contact with the ground (i.e., downspout, aluminum deck baluster or railing) would not affect the equipotential bonding that is the reason for this rule. Suggestion for Improvement: Clarify in a bulletin that "ASSOCIATED WITH" does not mean "ALL". Alternative Proposal: change the wording to "all" Comments:</p>	<p>Thank you for your feedback.</p> <p>Bulletin 68-14-* provides an example in Question 10 of equipment which is not required to be bonded to the pool equipment.</p> <p>For consistency concerns, please contact your regional Technical Advisor.</p>	
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<p>Master Electrician</p>	<p>OESC Code Rule: Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: I just purchased the New CEC 2021, to my disbelief, no index. Will OESC follow this norm? Or will you continue to offer an index in the back of the OESC ? I can not believe the index is gone in CEC, if I had known this, I would not have purchased the NEW copy. Please ESA, keep your index.</p>	<p>Thank you for your feedback.</p> <p>The OESC will maintain the index as part of the Code.</p>	
<p>Contractor</p>	<p>OESC Code Rule: Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: We are constantly having issues with microwaves. Sometimes with gas stoves. When there is an issue, we the GC are stuck footing the bill as the customer will not pay extra since they do not understand the issue at hand. And the electrical company will not attend if they are not paid.</p>	<p>Thank for your feedback.</p> <p>The feedback does not include a rule number or reference to a specific requirement and as such no information can be provided at this time.</p>	
<p>Local Distribution Company (NT Hydro)</p>	<p>OESC Code Rule: Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: Email indicating no amendments suggested to the proposed changes.</p>	<p>Thank you for your feedback.</p>	

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Licensed Electrical Contractor	OESC Code Rule: Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: I have reviewed the proposed amendments in detail, and am in agreement with what has been proposed.	Thank you for your feedback.	
Engineering Firm	OESC Code Rule: 10-302 Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: Regarding 10-302, additional clarity similar to the updates to the 2021 edition of the Canadian Electrical Code would be appreciated.	Thank you for your feedback. Clarifications and interpretations will be published through bulletins, as needed.	
Local Distribution Company (Hydro Ottawa)	OESC Code Rule: Support/Oppose: Rationale: Suggestion for Improvement: Alternative Proposal: Comments: All other rule changes: Either neutral or positive impact to supply authority.	Thank you for your feedback.	

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