

The OESC 28th Edition Proposals for Ontario Amendments

Proposal Number: 2021-OA-005

Rule 20-030

Description of Change: Delete existing Ontario Amendments to address Cylinder Exchanges

Submitted by: Electrical Safety Authority

Background:

Previously, Cylinder exchanges were not addressed in Section 20. In order to address cylinder exchanges, the following Ontario Amendments were added

- Rule 20-030 clarifying rules 20-033-20-042 apply to cylinder exchanges;
- Rule 20-032 definition for cylinder exchanges; and
- Rule 20-034 was amended to indicate hazardous location around cylinder

In CE Code 2021, Table 63 note clarifies that Park K applies to Cylinder Exchanges and it is a Zone 2 location for 1.5m making these modifications unnecessary. Cylinder exchange is referenced multiple times by CSA B149.2 and does not need to be defined in the OESC.

Proposed Change:

Delete Ontario Amendment to Rule 20-030, 20-032, 20-034

Delete CE Code Rule 20-030 and replace with the following:

~~20-030 Scope~~ (see Appendix B)

Rules 20-032 to 20-042 apply to locations in which propane is stored, dispensed, or transferred to the fuel tanks of self-propelled vehicles or to portable containers and to locations in which propane is stored or transferred from rail cars or tanker vehicles to storage containers.

20-032 Special terminology

Add the following definition:

~~Cylinder exchange~~ — a facility where propane in refillable cylinders is sold or otherwise distributed to an end user, with cylinders stored in no more than four (4) cabinets and each cabinet containing no more than 227 kg (500 lb) of propane.

Delete CE Code Rule 20-034 and replace with the following:

~~20-034 Hazardous areas~~

1) In container storage or refill centres and in filling plants, the hazardous areas shall be classified as listed in Table 63.

2) Electrical equipment within 1.5 m of facility cylinder exchange cabinets and extending in all directions shall be approved for Zone 2 locations.