

May 2011

CEC-g1 [rev-6]
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CANADIAN ELECTRICAL CODE

SUBJECT: Errata

Following is the latest version (December, 2010) of a list of errors that CSA International has identified in the current edition of the Canadian Electrical Code [C22.1-09]. As additional errors are identified, CSA International updates the errata. Please contact CSA if you wish to determine if additional errors have been found. CSA International will make the necessary editorial changes in the next edition of the Code. This document includes the 1st and 2nd errata issued July 2009 and August 2010.

Δ denotes new errata added December 2010.

Rule 10-618 – Add “(see Appendix B)” to title

Rule 12-112(5)(b) – should read “notwithstanding the requirements of Subrule ~~(3)~~ (4) ...”

Rule 18-004 – Add “(see Appendix B)” to title

Rule 58-000 – Add “(see Appendix B)” to title

Rule 58-300 – Add “(see Appendix B)” to title

Table 17 – Revise reference rules to read “(See Rules 10-700 and 10-812)”

Table 19 – Under *Conditions of use* “For service entrance above ground” and *Trade designation* “Armoured cable”, reference note 16 applies to AC90, not ACWU90.

Table 19 – Add Reference Note 2 to entry for Teck Cable as shown:

Conditions of Use	Trade Designation	CSA Type Designation	Maximum Allowable Conductor Temperature °C	Reference Notes
For exposed wiring in dry locations where exposed to corrosive action, if suitable for corrosive conditions encountered	Armoured Cable	TECK90	90	<u>2</u> , 8, 9

△ Table 19 – Allowable temperature for Type ACIC and SW-ACIC in wet locations is 90° C:

Conditions of Use	Trade Designation	CSA Type Designation	Maximum Allowable Conductor Temperature °C	Reference Notes
For use in ventilated, non-ventilated, and ladder-type cable trays, direct earth burial, for exposed and concealed wiring in wet (or damp or dry) locations, in ceiling air handling plenums	Armoured Control and Instrumentation Cable (other than steel wire armour)	ACIC	250 (dry or damp locations) 90 (wet locations)	27, 28, 29
For use in ventilated, non-ventilated, and ladder type cable trays, direct earth burial, for exposed and concealed wiring in wet (or damp or dry) locations, in ceiling air handling plenums	Steel Wire Armour-Control and Instrumentation Cable	SW-ACIC	250 (dry or damp locations) 90 (wet locations)	27, 28, 29

△ Table 37 – Delete commas after “enclosed” (two places)

Appendix B note for Rule 2-102:

- Replace “moulded switch” with “moulded case switch” (two places).
- Revise text “...levels greater ~~then~~ than those for...”

Appendix B note for Rule 10-206, Notes to Figure 5:

- In Note (a), replace “[see Rule 10-206(1)(c)]” with “[see Rule 10-206(1)(a)(ii)]”
- In Note (b), replace “[See Rules 10-206(3) and 10-702(b)]” with “[See Rule 10-702(b)]”

Appendix B note for Rule 10-812 – Delete one arrow in Figure 7:

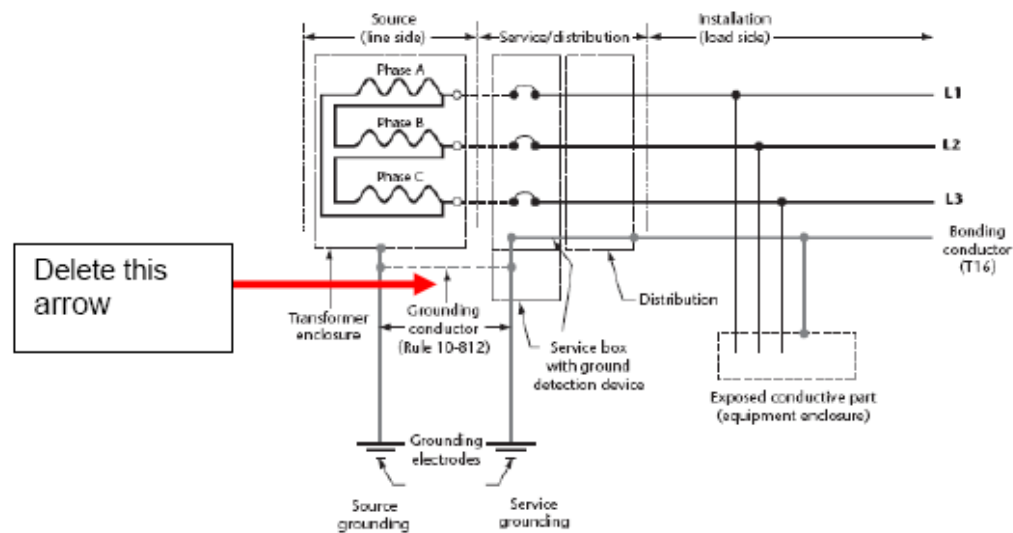


Figure 7
Three-phase, 3-wire ungrounded (delta) system

Appendix B note for Rules 18-050 and 18-066, Temperature and gas groups table.

Note **(2)** should read as notes **(2)** and **(3)**:

(2) *This substance is not listed in IEC 60079-20.*

(3) *The name is incorrectly stated in IEC 60079-20 as "1,2-epoxypropene". Propylene oxide is also known as 1,2-epoxypropane.*

▲ Minimum ignition temperature for gasoline should read 280° C.

Appendix B – Delete note that reads:

Rule 18-150

"A group of three fuses protecting...."

Appendix B – Revise note for rule 18-150(2)(e) to read:

Rules 18-150(2)(e), 18-210, 18-260, 18-308, 18-358

See the Note to Rule 18-114."

Appendix B – Delete note that reads

Rules 18-150, 18-210, 18-260, 18-308, 18-358

See the Note to Rule 18-114."

Appendix B – Revise title for note to rule 24-106(6) to read "**Rule 24-106(5)**".

Appendix B – Insert title "**Rule 24-106(1)**" above text "Extent of a patient care area is outlined in CAN/CSA-Z32."

Appendix B – Revise note for Rule 26-012 to read:

Rule 26-012

Dielectric liquid-filled circuit breakers or switches should have their vents piped directly to an outside area in accordance with the manufacturer's instructions or recommendations.

Construction criteria for service rooms are provided in ~~Section 3.5~~ Articles 3.6.2.1 and 9.10.10.3 of the National Building Code of Canada. Where a service room is required by this Code, it must be separated from the remainder of the building by a fire separation having a 1 h fire-resistance rating, unless the service room is sprinklered.

Appendix B – Revise title for note to rule 68-068 to read "**Rule 68-068(6)**".

Appendix B – Revise title for note to rule 68-306 to read "**Rule 68-306(2)**".

Appendix B note for Tables 33 and 34 – Revise "4.2.1" to read "**5.2.1**" (three places).

Appendix D, Table D1, Size range for Type SIS equipment wire – Revise to read "14 to 4/0".

Appendix G – Revise first entry for Rule 26-012 to read:

Rule 26-012 3.6.2.1.(6) and 9.10.10.3, Construction of service room required by
Canadian Electrical Code, Part I

△ Appendix J, Annex JB, Table following the note for Rule JB18-062: Minimum ignition temperature for gasoline should read 280° C.

Index – revise entries as shown:

Equipment, space for ~~2-422~~ 2-308
Voltage, drop 8-102, Table D3, Table D4