

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 129-05, 3rd edition

Neutral Supported Cables \$100

This standard specifies requirements for Type NS75 and NS90 neutral supported cables for use on outdoor overhead electrical systems that have nominal voltages of 600 V or less for installation in accordance with the *Canadian Electrical Code, Part I*.

Neutral supported cables covered by this standard consist of up to five conductors (one, two, or three insulated phase conductors, a neutral conductor, and an optional insulated control/supply conductor). The conductors are insulated with polyethylene (PE) rated 75 °C or cross-linked polyethylene (XLPE) rated 75 or 90 °C.

C22.2 No. 236-05, 3rd edition

Heating and Cooling Equipment (bi-national standard with UL 1995, 3rd edition)..... \$490

The requirements in this standard for heating and cooling equipment apply to the following stationary equipment for use in non-hazardous locations rated 7200 V or less, single- or 3-phase, and remote control assemblies for such equipment:

- heat pumps for heating and cooling with or without factory- or field-installed electric resistance heaters, or hot water or steam heating coils
- air conditioners for cooling with or without factory- or field-installed electric resistance heaters, or hot water or steam heating coils
- cooling portion and associated components of combination heating and cooling equipment employing gas-, oil-, or gas-oil-fired heating means. However, the requirements for the construction and performance of the gas-, oil-, or gas-oil-fired heating means, and their associated components, are to conform to the particular standards covering such heating equipment and components
- liquid chillers and compressor-evaporator or liquid chiller assemblies intended for use with remote condensers
- condensing units intended for connection to a remote non-specified evaporator and compressor units intended for connection to a remote non-specified evaporator and condenser
- add-on heat pumps for comfort heating or heating and cooling
- heat pump water heaters and refrigerant desuperheaters, and packaged heat pump water heaters consisting of a heat pump water heater and an associated storage tank
- fan units and fan coil units for comfort heating and/or comfort cooling
- room fan heater units, central heating furnaces, and similar fixed electric space heating for comfort heating.



New Standards – New Editions – Special Publications (cont'd)

CAN/CSA-E60335-2-14:05, 2nd edition

Household and Similar Electrical Appliances–Safety–Part 2-14: Particular Requirements for Kitchen Machines (Adopted IEC 60335-2-14:2003, fourth edition, with Canadian deviations) \$120

This standard deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

CAN/CSA-E60335-2-15:05, 2nd edition (bilingual)

Household and Similar Electrical Appliances–Safety–Part 2-15: Particular Requirements for Appliances for Heating Liquids (Adopted CEI/IEC 60335-2-15:2003, fifth edition, with Canadian deviations)..... \$100

This standard deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V.

CAN/CSA-E60335-2-23:05, 5th edition

Household and Similar Electrical Appliances–Safety–Part 2-23: Particular Requirements for Appliances for Skin or Hair Care (Adopted IEC 60335-2-23:2003, fifth edition, without modification) \$80

This standard deals with the safety of electric appliances for the care of skin or hair of persons or animals and intended for household and similar purposes, their rated voltage being not more than 250 V.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-E60335-2-53:05, 3rd edition

Household and Similar Electrical Appliances–Safety–Part 2-53: Particular Requirements for Appliances for Sauna Heating Appliances (Adopted IEC 60335-2-53:2002, third edition, without modification) \$75

This standard deals with the safety of electric sauna heating appliances having a rated power input not exceeding 20 kW, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-E60335-2-55:05, 3rd edition

Household and Similar Electrical Appliances–Safety–Part 2-55: Particular Requirements for Electrical Appliances for Use with Aquariums and Garden Ponds (Adopted IEC 60335-2-55:2002, third edition, without modification) \$55

This standard deals with the safety of electric appliances for use with aquariums and garden ponds for household and similar purposes, their rated voltage being not more than 250 V.

This document is available in Portable Document Format (PDF) only.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 45.1-04, 1^{re} édition

Conduits métalliques rigides en acier pour canalisations électriques
 (norme binationale avec UL 6, treizième édition) 490 \$

Cette norme s'applique aux conduits métalliques rigides en acier (ERMC-S) ainsi qu'à leurs coudes, raccords et mamelons, destinés à la fabrication des canalisations métalliques pour fils et câbles conformément à la norme CSA C22.1, *Code canadien de l'électricité, Première partie*, et à la norme NFPA 70, *National Electrical Code* (renvoi n° 1 de l'annexe A). Les produits ERMC-S portent un revêtement externe en zinc, à base de zinc, non métallique ou fait d'un autre matériau anticorrosion, et un revêtement interne en matériau organique ou en zinc. Il incombe à l'utilisateur de déterminer le produit approprié pour des besoins particuliers.

C22.2 n° 83.1-04, 1^{re} édition

Tubes électriques métalliques en acier
 (norme binationale avec UL 797, huitième édition) 245 \$

Cette norme s'applique aux tubes électriques métalliques (EMT) ainsi qu'à leurs coudes, destinés à la fabrication de canalisations métalliques pour fils et câbles conformément à la norme CSA C22.1, *Code canadien de l'électricité, Première partie*. Les tubes EMT portent un revêtement externe en zinc, à base de zinc, non métallique ou fait d'un autre matériau anticorrosion, ainsi qu'un revêtement interne en matériau organique ou en zinc. Il incombe à l'utilisateur de déterminer le produit approprié pour ses besoins particuliers.

C22.2 n° 140.2-96, 2^e édition

Compresseurs frigorifiques hermétiques
 (norme binationale avec UL 797) 395 \$

Cette norme vise les compresseurs frigorifiques hermétiques (ci-après appelés motocompresseurs) d'une tension maximale de 7200 V, utilisés comme composants d'appareils de conditionnement d'air et de réfrigération conformes aux normes pertinentes à ces produits.

C22.2 n° 227.2.1-04, 1^{re} édition

Conduits non métalliques flexibles étanches aux liquides
 (norme binationale avec UL 1660, quatrième édition) 490 \$

Cette norme s'applique aux conduits non métalliques flexibles étanches aux liquides de grosseurs commerciales 3/8 à 4 (12 à 103) de types LFNC-A (construction stratifiée), LFNC-B (construction intégrée) et LFNC-C (construction ondulée). Ces conduits sont destinés à être installés conformément au *National Electrical Code* (NEC) et au *Code canadien de l'électricité (CCÉ), Première partie*. Les valeurs entre parenthèses sont des désignations métriques de conduits.

Le conduits visés par cette norme sont destinés à des emplacements mouillés, à des emplacements secs ou à l'exposition à des huiles dont la température ne dépasse pas 60 °C (140 °F), sauf marquage particulier.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-E60335-2-15:05, 2^e édition (bilingue)

Appareils électrodomestiques et analogues—Sécurité—Partie 2-15 : Règles particulières pour les appareils de chauffage des liquides (norme CEI/IEC 60335-2-15:2003, cinquième édition, adoptée, avec les exigences propres au Canada) 100 \$

Cette norme traite de la sécurité des appareils électriques de chauffage des liquides, pour usages domestiques et analogues, dont la tension assignée n'est pas supérieure à 250 V.

Amendments

C22.2 No. 0.3-01

Test Methods for Electrical Wires and Cables

Revision of the Contents and Clauses 3, 4.36.1–4.36.3, F1, and F2.

Deletion of Clauses 4.36.1.1–4.36.1.6, 4.36.2.1–4.36.2.9, 4.36.3.1–4.36.3.12, and F3–F5, Tables 16 and F1, Figures 13–20, and Appendix G.

CAN/CSA-C22.2 No. 18.5-02

Positioning Devices

Revision of the outside and inside front cover, the title page, the copyright page, the Contents, the Preface, the Foreword (UL), Clauses 2, 6.3, 7.2.4, 9.2–9.4, 9.7, 9.8, 10.2.2, 11.1, 15.5, and 21.8, B1.1, B4.2.2, and C3.2.2, and Table 1.

Addition of Clauses 6.5 and 11.0.

CAN/CSA-C22.2 No. 62.1-03

Nonmetallic Surface Raceways and Fittings

Revision of the outside and inside front cover, and the title page.

C22.2 No. 63-93 (R2004)

Household Refrigerators and Freezers

Revision of the Title page and the Contents. Addition of Supplement SA.

CAN/CSA-C22.2 No. 126.2-02

Nonmetallic Cable Tray Systems

Revision of the outside and inside front cover, the title page, the Copyright page, the Preface, the Foreword (UL), and Clause 4.1.2.

C22.2 No. 211.0-03

General Requirements and Methods of Testing for Nonmetallic Conduit

Revision of the Contents and Clause 2. Addition of Clause 6.17.



Amendments (cont'd)

C22.2 No. 214-02

Communications Cables

Revision of the title page, the copyright page, the Contents, the Preface, Clauses 3.1, 4.1.1, 4.1.2, 4.1.4, 6.14.1–6.14.4, 7.3.3.1, 7.3.6, 7.3.7, 8.1.4, 8.1.5, and B1, and Tables 2, 3, and 9. Addition of Clauses 1.4, 4.9.4A, and 9, and Table 3A.
Deletion of Clause 4.11.

Modifications publiées en français

CAN/CSA-C22.2 n° 18.5-02

Dispositifs de fixation

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, à la page titre, à la page des droits d'auteur, à la préface, à l'avant-propos (UL), aux articles 2, 6.3, 7.2.4, 9.2 à 9.4, 9.7, 9.8, 10.2.2, 11.1, 15.5, 21.8, B1.1, B4.2.2, et C3.2.2, et au tableau 1. Les articles 6.5 et 11.0. ont été ajoutés.

CAN/CSA-C22.2 n° 62.1-03

Moulures et raccords non métalliques

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'à la page titre.

CAN/CSA-C22.2 n° 126.2-02

Systèmes de chemins de câbles non métallique

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, à la page titre, à la page des droits d'auteur, à la préface, à l'avant-propos (UL), et à l'article 4.1.2.

Withdrawn Standards

CAN/CSA-E79-1A-95 (R1999)

1st Supplement to CAN/CSA-E79-1, Electrical Apparatus for Explosive Gas Atmospheres—Part 1: Construction and Test of Flameproof Enclosures of Electrical Apparatus—Appendix D: Method of Test for Ascertainment of Maximum Experimental Safe Gap

CAN/CSA-E670-98 (R2002)

General Requirements for Enclosures and Accessories for Household and Similar Fixed Electrical Installations (Adopted IEC 670:1989, 2nd edition)



Formal Interpretations

The following interpretation regarding Clause 6.17 of **CSA standard C22.2 No. 147, *Motor-Operated Gardening Appliances***, has been approved by the Technical Committee on Consumer and Commercial Products.

Question: Is the test of Clause 6.17 of CSA standard C22.2 No. 147-M90 intended for products with or without a fuse?

Answer: Yes.

Under Development

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by May 24, 2005.

Draft Standards

To receive copies of the following draft standard, or to offer comments, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **C22.2 No. 107.3, 2nd edition**
Uninterruptible Power Systems

Proposed Amendments

To receive copies of the following proposed amendment, or to offer comments, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **CAN/CSA-C22.2 No. 147-M90**
Motor-Operated Gardening Appliances
Revision of Clause 6.17.

Proposed Adoptions

For more information about the proposed adoption of the following IEC standard, contact John O'Neill at 416-747-4042 or john.oneill@csa.ca:

- **IEC 61936-1(2002-10)**
Power Installation Exceeding 1 kV AC–Part 1: Common Rules
This standard will be published as C22.3 No. 61936-1, with Canadian deviations.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
January 4, 2005	Publication of Technical Information Letter No. A-29A, covering interim certification requirements for seasonal use cord sets for indoor and indoor/outdoor use (supersedes Informs Wiring Devices No. 26).	Wiring Devices No. 34
February 11, 2005	Publication of Amendments to C22.2 No. 0.3-01 as a result of changes to the circuit integrity test requirements specified in ULC S-139.	Wire and Cable No. 114
February 26, 2005	Publication of Technical Information Letter No. C-37, covering interim certification requirements for cord-connected, portable electric heating and cooking appliances, hairdressing equipment and electric irons (supersedes Technical Information Letter No. C-36).	Appliances No. 9

Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

Effective Date	Subject	Title
March 31, 2005	Publication of amendment as Update No. 4 to CSA standard C22.2 No. 64-M91, <i>Household Cooking and Liquid-Heating Appliances</i> .	Household Cooking and Liquid Heating Appliances No. 14
April 1, 2005	Publication of the eighth edition of CSA standard C22.2 No. 31-04, <i>Switchgear Assemblies</i> . This edition includes new requirements to add provision for: <ul style="list-style-type: none"> lock-out features of high-voltage switches and circuit-breakers lock-out of low-voltage switches and circuit-breakers padlocking of automatic shutters in metal-clad switchgear with removable breakers. 	Switchgear Assemblies No. 4
May 24, 2005	Publication of amendments to CSA standard C22.2 No. 112-97, <i>Electric Clothes Dryers</i> (bi-national with UL 2158). The amendment clarifies the marking requirements for a pressure wire connector intended for connection of an equipment-grounding conductor.	Appliances No. 3

**Certification Notices (cont'd)**

Effective Date	Subject	Title
August 1, 2005	Publication of the fifth edition of CSA standard C22.2 No. 56-04, <i>Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit</i> .	Wiring Devices No. 30
September 30, 2005	Publication of the second edition of CSA standard C22.2 No. 235, <i>Supplementary Protectors</i> .	Power Distribution Equipment No. 1
November 1, 2005	Publication of the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> .	Motors and Generators No. 4
November 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> .	Wiring Devices No. 25
January 16, 2006	Publication of the second edition of CSA standard C22.2 No. 188-04, <i>Splicing Wire Connectors</i> .	Wiring Devices No. 36
▶ January 31, 2006	Publication of amendments to C22.2 No. 169-97, <i>Electric Clothes Washing Machines and Extractors</i> (bi-national standard with UL 2157).	Appliances No. 4
▶ April 7, 2006	Extension of the effective date specified in Wire and Cable No. 105.	Wire and Cable No. 105A
June 1, 2010	Publication of CSA standards CAN/CSA-C22.2 No. 60745-1-04 and CAN/CSA-C22.2 No. 60745-2-04 (bi-national standards with UL 60745-1 and associated Part 2 series standards).	Electrical Tools No. 15