



**CANADIAN STANDARDS
ASSOCIATION**

INFO UPDATE

Electrical/Electronics

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Info Update is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards. It also gives you highlights of other activities and services.

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Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 27-09, 6th edition

Busways (Tri-national standard with NMX-J-148-ANCE, third edition, and UL857, thirteenth edition)

PDF only \$370

This standard applies to service-entrance, feeder, and branch-circuit busways and associated fittings rated at 600 V or less, 6 000 A or less, and intended for use in accordance with the Canadian Electrical Code, Part I, the National Electrical Code, NFPA 70, and the Mexican Standard for Electrical Installations (Utility), NOM-001-SEDE.

These requirements do not apply to metal enclosed bus intended for connecting switchgear assemblies for use in prefabricated electric distribution systems.

For the purpose of these requirements, a busway is considered to be a grounded metal enclosure containing factory-mounted conductors that are usually copper or aluminum bars, rods, or tubes.

C22.2 No. 48-09, 8th edition

Nonmetallic Sheathed Cable

PDF only \$180

This standard applies to non-metallic sheathed cables intended for use on systems having a nominal voltage of 300 V and less, in accordance with the rules of the Canadian Electrical Code, Part I.

C22.2 No. 96-09, 9th edition

Portable Power Cables

PDF only \$200

This standard specifies construction and testing requirements for portable power cables normally used in applications where the cables are subject to frequent flexing and where installation is in accordance with CAN/CSA-M421 and/or the Canadian Electrical Code, Part I.

C22.2 No. 96.1-09, 2nd edition

Mine Power Feeder Cables

PDF only \$180

This standard specifies construction and testing requirements for mine power feeder cables normally used for power distribution in stationary or semi-stationary applications covered by CAN/CSA-M421 and the Canadian Electrical Code, Part I.



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

C22.2 No. 230-09, 2nd edition

Tray Cables

PDF only \$125

This standard applies to single-conductor and multi-conductor constructions, without metal sheath or armour, suitable for use in cable trays and other applications when installed in accordance with the *Canadian Electrical Code, Part I*.

CAN/CSA-E60335-2-79:09, 1st edition

Household and similar electrical appliances — Safety — Part 2-79: Particular requirements for high pressure cleaners (Adopted IEC 60335-2-79:2002, second edition, including Amendment 1:2004 and Amendment 2:2007, with Canadian deviations)

PDF only \$220

This standard deals with the safety of high pressure cleaners for household, industrial and commercial use, with a pressure not less than 2.5 MPa and not more than 25 MPa, with an input to the drive for the high pressure pump not exceeding 10 kW, and with rated voltage of not more than 250 V for single-phase appliances and 600 V for other appliances.

The requirements in this standard referring to steam cleaners do not apply in Canada.

This standard applies to high pressure cleaners intended for extensive open spraying of water and cleaning liquids with a flashpoint higher than 60 °C, but excluding electrostatic sprayers and types for use in spray booths or other areas where hazardous concentrations of inflammable vapours are likely to occur.

CAN/CSA-E60384-14:09, 2nd edition

Fixed capacitors for use in electronic equipment — Part 14: Sectional specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (Adopted IEC 60384-14:2005, third edition, with Canadian deviations)

PDF only \$220

This standard applies to capacitors and resistor-capacitor combinations that will be connected to an a.c. mains or other supply with nominal voltage not exceeding 1 000 V a.c. (r.m.s.) or 1 000 V d.c. and with a nominal frequency not exceeding 100 Hz.

The object of this standard is to prescribe preferred ratings and characteristics and to select from, CAN/CSA E60384-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor.

Test severities and requirements prescribed in detail specifications referring to this sectional specification shall be of equal or higher performance level.

A further object of this standard is to provide a schedule of safety tests to be used by national testing stations in countries where approval by such stations is required.

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

CAN/CSA-C61000-3-6:09, 2nd edition

Electromagnetic compatibility (EMC) — Part 3-6: Limits — Assessment of emission limits for the connection of distorting installations to MV, HV and EHV power systems
 (Adopted IEC/TR 61000-3-6:2008, second edition, with Canadian deviations)

PDF only \$220

This standard provides guidance on principles that can be used for determining the requirements for the connection of distorting installations to MV, HV, and EHV public power systems. For the purposes of this standard, a distorting installation means an installation that produces harmonics and/or interharmonics.

The primary objective is to provide guidance to system operators or owners on engineering practices that will facilitate the provision of adequate service quality for all connected customers. In addressing installation, this standard is not intended to replace equipment standards for emission limits.

This standard addresses the allocation of the capacity of the system to absorb disturbances. It does not address how to mitigate disturbances, nor does it address how the capacity of the system can be increased.

CAN/CSA-C61000-3-7:09, 2nd edition

Electromagnetic compatibility (EMC) — Part 3-7: Limits — Assessment of emission limits for the connection of fluctuating installations to MV, HV and EHV power systems
 (Adopted IEC/TR 61000-3-7:2008, second edition, without modification)

PDF only \$255

This standard provides guidance on principles that can be used for determining the requirements for the connection of fluctuating installations to MV, HV, and EHV public power systems. For the purposes of this standard, a fluctuating installation means an installation that produces voltage flicker and/or rapid voltage changes. The primary objective is to provide guidance to system operators or owners on engineering practices that will facilitate the provision of adequate service quality for all connected customers. In addressing installation, this standard is not intended to replace equipment standards for emission limits.

This standard addresses the allocation of the capacity of the system to absorb disturbances. It does not address how to mitigate disturbances, nor does it address how the capacity of the system can be increased.

CAN/CSA-C61000-4-1:09, 1st edition (bilingual)

Electromagnetic compatibility (EMC) — Part 4-1: Testing and measurement techniques — Overview of IEC 61000-4 series (Adopted IEC 61000-4-1:2006, third edition, with Canadian deviations)

PDF only \$85

This standard covers testing and measuring techniques for electric and electronic equipment (apparatus and systems) in its electromagnetic environment.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C50-08, 6^e édition

Huiles isolantes minérales électriques pour transformateurs et matériels de coupure

PDF seulement 75 \$

Cette norme prescrit les exigences visant les huiles minérales d'origine pétrolière destinées aux transformateurs, aux disjoncteurs à bain d'huile et aux autres appareils électriques (sauf les câbles haute tension) dont l'isolation et le refroidissement sont assurés par un liquide.

CAN/CSA-C61000-4-1:09, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM) — Partie 4-1: Techniques d'essai et de mesure — Vue d'ensemble de la série CEI 61000-4 (norme IEC 61000-4-1:2006, troisième édition, adoptée avec exigences propres au Canada)

PDF seulement 85 \$

Cette norme porte sur les techniques d'essai et de mesure pour les équipements électriques et électroniques (appareils et systèmes) dans leur environnement électromagnétique.

Amendments

CAN/CSA-C22.2 No. 112-97 (R2007)

Electric Clothes Dryers (bi-national standard with UL 2158, second edition)

Revision of the title page, the copyright page, the preface, and Clause 4.6.1. Addition of Clauses 2.7A, 19.6, and 19.7, and Figure 8.

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

CAN/CSA-C22.2 No. 60745-2-2A-04 (R2008)

Amendment 1:2009 to CAN/CSA-C22.2 No. 60745-2-2-04, "Hand-held motor-operated electric tools — Safety — Part 2-2: Particular requirements for screwdrivers and impact wrenches" (Bi-national standard with UL 60745-2-2, second edition.

Adopted Amendment 1:2008 to IEC 60745-2-2:2003, second edition, with Canadian deviations)

PDF only \$25

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-2-04.

CAN/CSA-C22.2 No. 60745-2-4A-04 (R2008)

Amendment 1:2009 to CAN/CSA-C22.2 No. 60745-2-4-04, "Hand-held motor-operated electric tools — Safety — Part 2-4: Particular requirements for sanders and polishers other than disk type" (Bi-national standard with UL 60745-2-4, second edition.

Adopted Amendment 1:2008 to IEC 60745-2-4:2002, second edition, with Canadian deviations)

PDF only \$30

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-4-04.

Amendments (cont'd)

CAN/CSA-C22.2 No. 60745-2-6B-04 (R2008)

Amendment 2:2009 to CAN/CSA-C22.2 No. 60745-2-6-04, “Hand-held motor-operated electric tools — Safety — Part 2-6: Particular requirements for hammers”
(Bi-national standard with UL 60745-2-6, second edition. Adopted Amendment 2:2008 to IEC 60745-2-6:2003, second edition, with Canadian deviations)

PDF only \$20

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-6-04.

CAN/CSA-C22.2 No. 60745-2-8A-04 (R2008)

Amendment 1:2009 to CAN/CSA-C22.2 No. 60745-2-8-04, “Hand-held motor-operated electric tools — Safety — Part 2-8: Particular requirements for shears and nibblers”
(Bi-national standard with UL 60745-2-8, second edition. Adopted Amendment 1:2008 to IEC 60745-2-8:2003, second edition, with Canadian deviations)

PDF only \$20

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-8-04.

CAN/CSA-C22.2 No. 60745-2-9A-04 (R2008)

Amendment 1:2009 to CAN/CSA-C22.2 No. 60745-2-9-04, “Hand-held motor-operated electric tools — Safety — Part 2-9: Particular requirements for tappers”
(Bi-national standard with UL 60745-2-9, second edition. Adopted Amendment 1:2008 to IEC 60745-2-9:2003, second edition, with Canadian deviations)

PDF only \$20

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-9-04.

CAN/CSA-C22.2 No. 60745-2-18A-05 (R2009)

Amendment 1:2009 to CAN/CSA-C22.2 No. 60745-2-18-05, “Hand-held motor-operated electric tools — Safety — Part 2-18: Particular requirements for strapping tools”
(Bi-national standard with UL 60745-2-18, first edition. Adopted Amendment 1:2008 to IEC 60745-2-18:2003, first edition, with Canadian deviations)

PDF only \$20

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-18-05.

CAN/CSA-C22.2 No. 60745-2-20A-05 (R2009)

Amendment 1:2009 to CAN/CSA-C22.2 No. 60745-2-20-05, “Hand-held motor-operated electric tools — Safety — Part 2-20: Particular requirements for band saws”
(Bi-national standard with UL 60745-2-20, first edition. Adopted Amendment 1:2009 to IEC 60745-2-20:2003, first edition, with Canadian deviations)

PDF only \$25

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-20-05.



Amendments (cont'd)

CAN/CSA-C22.2 No. 60745-2-21A-05 (R2009)

Amendment 1:2009 to CAN/CSA-C22.2 No. 60745-2-21-05, “Hand-held motor-operated electric tools — Safety — Part 2-21: Particular requirements for drain cleaners” (Bi-national standard with UL 60745-2-21, first edition. Adopted Amendment 1:2008 to IEC 60745-2-21:2002, first edition, with Canadian deviations)

PDF only \$25

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-21-05.

CAN/CSA-C22.3 No. 9-08

Interconnection of Distributed Resources and Electricity Supply Systems

Revision of the outside front cover and the title page. Addition of National Standards of Canada text.

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

Modifications publiées en français

C22.2 n° 111-00 (C2005)

Interrupteurs à rupture brusque tout usage (norme binational comprenant la douzième édition de la norme UL 20)

Des modifications ont été apportées à la page titre, à la page des droits d’auteur, à la table des matières, à la préface, aux articles 5.6.8, 5.7.4, 5.7.7 et 5.7.9 et au tableau 7. L’avant-propos (CSA), l’avant-propos (UL) et l’article 5.7.8 ont été abrogés.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.2 n° 60745-2-2A-04 (C2008)

Modification 1:2009 à la norme CAN/CSA C22.2 n° 60745-2-2-04, « Outils électroportatifs à moteur — Sécurité — Partie 2-2 : Règles particulières pour les visseuses et les clés à chocs » (norme binationale comprenant la deuxième édition de la norme UL 60745-2-2.

Amendement 1:2008 à la norme CEI 60745-2-2:2003, deuxième édition, adoptée avec exigences propres au Canada)

PDF seulement 25 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-2-04.

CAN/CSA-C22.2 n° 60745-2-4A-04 (C2008)

Modification 1:2009 à la norme CAN/CSA C22.2 n° 60745-2-4-04, « Outils électroportatifs à moteur — Sécurité — Partie 2-4 : Règles particulières pour les ponceuses et les lustreuses autres que du type à disque » (norme binationale comprenant la deuxième édition de la norme UL 60745-2-4. Amendement 1:2008 à la norme CEI 60745-2-4:2002, deuxième édition, adoptée avec exigences propres au Canada)

PDF seulement 30 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-4-04.

Modifications publiées en français (suite)

CAN/CSA-C22.2 n° 60745-2-6B-04 (C2008)

Modification 2:2009 à la norme CAN/CSA C22.2 n° 60745-2-6-04, « Outils électroportatifs à moteur — Sécurité — Partie 2-6 : Règles particulières pour les marteaux » (norme binationale comprenant la deuxième édition de la norme UL 60745-2-6. Amendement 2:2008 à la norme CEI 60745-2-6:2003, deuxième édition, adoptée avec exigences propres au Canada)

PDF seulement 20 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-6-04.

CAN/CSA-C22.2 n° 60745-2-8A-04 (C2008)

Modification 1:2009 à la norme CAN/CSA C22.2 n° 60745-2-8-04, « Outils électroportatifs à moteur — Sécurité — Partie 2-8 : Règles particulières pour les cisailles à métaux et les grignoteuses » (norme binationale comprenant la deuxième édition de la norme UL 60745-2-8. Amendement 1:2008 à la norme CEI 60745-2-8:2003, deuxième édition, adoptée avec exigences propres au Canada)

PDF seulement 20 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-8-04.

CAN/CSA-C22.2 n° 60745-2-9A-04 (C2008)

Modification 1:2009 à la norme CAN/CSA C22.2 n° 60745-2-9-04, « Outils électroportatifs à moteur — Sécurité — Partie 2-9 : Règles particulières pour les taraudeuses » (norme binationale comprenant la deuxième édition de la norme UL 60745-2-9. Amendement 1:2008 à la norme CEI 60745-2-9:2003, deuxième édition, adoptée avec exigences propres au Canada)

PDF seulement 20 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-9-04.

CAN/CSA-C22.2 n° 60745-2-18A-05 (C2008)

Modification 1:2009 à la norme CAN/CSA C22.2 n° 60745-2-18-05, « Outils électroportatifs à moteur — Sécurité — Partie 2-18 : Règles particulières pour les outils de cerclage » (norme binationale comprenant la première édition de la norme UL 60745-2-18. Amendement 1:2008 à la norme CEI 60745-2-18:2003, première édition, adoptée avec exigences propres au Canada)

PDF seulement 20 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-18-05.

CAN/CSA-C22.2 n° 60745-2-20A-05 (C2008)

Modification 1:2009 à la norme CAN/CSA C22.2 n° 60745-2-20-05, « Outils électroportatifs à moteur — Sécurité — Partie 2-20 : Outils électroportatifs à moteur — Sécurité — Partie 2-20 : Règles particulières pour les scies à ruban » (norme binationale comprenant la première édition de la norme UL 60745-2-20. Amendement 1:2009 à la norme CEI 60745-2-20:2003, première édition, adoptée avec exigences propres au Canada)

PDF seulement 25 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-20-05.



Modifications publiées en français (suite)

CAN/CSA-C22.2 n° 60745-2-21A-05 (C2008)

Modification 1:2009 à la norme CAN/CSA C22.2 n° 60745-2-21-05, « Outils électroportatifs à moteur — Sécurité — Partie 2-21 : Outils électroportatifs à moteur — Sécurité — Partie 2-21 : Règles particulières pour les curettes » (norme binationale comprenant la première édition de la norme UL 60745-2-21. Amendement 1:2008 à la norme CEI 60745-2-21:2002, première édition, adoptée avec exigences propres au Canada)

PDF seulement 25 \$

Ce document modifie la CAN/CSA-C22.2 n° 60745-2-21-05.

CAN/CSA-C22.2 n° 61010-1-04 (C2009)

Règles de sécurité pour appareils électriques de mesure, de régulation et de laboratoire — Partie 1 : Prescriptions générales (norme trinationale comprenant la deuxième édition de la norme ISA-82.02.01 et la deuxième édition de la norme UL 61010-1.

Norme CEI 61010-1:2001, deuxième édition, adoptée avec exigences propres au Canada)

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

Des modifications ont été apportées à la page titre, à la table des matières, au texte des différences nationales et à l'annexe DVA. Les articles 5.1.5DV, 5.1.5.2DV, 16.2DV.3 et 16.3DV.4 et l'annexe DV pour les États-Unis ont été ajoutés. L'avant-propos (UL) a été abrogé.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.3 n° 9-08

Interconnexion des ressources décentralisées et des réseaux de distribution d'électricité

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

Cette norme est offerte en format PDF seulement.

Reaffirmed Standards

CAN/CSA-C22.2 No. 0.4-04 (R2009)

Bonding of Electrical Equipment

CAN/CSA-C22.2 No. 0.17-00 (R2009)

Evaluation of Properties of Polymeric Materials

C22.2 No. 1-04 (R2009)

Audio, Video, and Similar Electronic Equipment

C22.2 No. 73-1953 (R2009)

Construction and Test of Electrically Equipped Machine Tools

C22.2 No. 105-1953 (R2009)

Construction and Test of Electrical Equipment for Woodworking Machinery

**Reaffirmed Standards (cont'd)****CAN/CSA-C22.2 No. 147-M90 (R2009)***Motor-Operated Gardening Appliances***C22.2 No. 155-M1986 (R2009)***Electric Duct Heaters***CAN/CSA-C22.2 No. 189-M89 (R2009)***High-Voltage Insect Killers***C22.2 No. 204-M1984 (R2009)***Line Isolation Monitors***C22.2 No. 205-M1983 (R2009)***Signal Equipment***CAN/CSA-C22.2 No. 745-2-30-95 (R2009)***Safety of portable electric tools Part 2: Particular requirements for staplers*
(bi-national standard with UL 745-2-30, first edition)**CAN/CSA-C22.2 No. 745-2-31-95 (R2009)***Safety of portable electric tools Part 2: Particular requirements for diamond core drills*
(bi-national standard with UL 745-2-31, first edition)**CAN/CSA-C22.2 No. 745-2-32-95 (R2009)***Safety of portable electric tools Part 2: Particular requirements for magnetic drill presses*
(bi-national standard with UL 745-2-32, first edition)**CAN/CSA-C22.2 No. 745-2-36-95 (R2009)***Safety of portable electric tools Part 2: Particular requirements for hand motor tools*
(bi-national standard with UL 745-2-36, first edition)**CAN/CSA-C22.2 No. 745-4-36-95 (R2009)***Safety of portable battery-operated tools — Part 4: Particular requirements for hand motor tools*
(bi-national standard with UL 745-4-36, first edition)**CAN/CSA-C22.2 No. 1010.2.020-94 (R2009)***Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-020: Particular requirements for laboratory centrifuges* (Adopted IEC 101 0-2-020:1992, first edition, with deviations)



Withdrawn Standards

CAN/CSA-C22.2 No. 71.1-M89 (R2004)*Portable Electric Tools***C22.2 No. 125-M1984 (R2004)***Electromedical Equipment***C22.2 No. 151-M1986 (R2004)***Laboratory Equipment*

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
April 30, 2009	Publication of Update No. 4 to CSA standard C22.2 No. 112-97 (R2007), <i>Electric Clothes Dryers</i> (bi-national standard with UL 2158). The update contains revisions for installation instructions.	Clothes Dryer Equipment No. 4
July 1, 2009	Publication of CSA standard CAN/CSA-E60691:08, <i>Thermal-Links — Requirements and Application Guide</i> (Adopted CEI/IEC 60691:2002, third edition, including Amendment 1:2006, with Canadian deviations).	Signal Sensing and Controls No. 5
December 15, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 227.2.1-04, <i>Liquid-Tight Flexible Nonmetallic Conduit</i> (bi-national standard with UL 1660).	Conduit No. 22
► December 31, 2009	Publication of the seventh edition of CSA standard C22.2 No. 113-08, <i>Fans and Ventilators</i> .	Fans and Ventilators No. 9
December 31, 2009	Publication of Update No. 4 to CSA standard C22.2 No. 42-99, <i>General Use Receptacles, Attachment Plugs and Similar Wiring Devices</i> . Ground Fault Circuit Interrupter (GFCI) devices, combined with receptacles having tamper resistant feature, CSA certified to the CSA standard C22.2 No. 144.1 shall comply with the new test requirements and new marking requirements of Update No. 4 to CSA standard C22.2 No. 42-99.	Ground Fault Circuit Interrupters No. 7

Certification Notices (cont'd)

Effective Date	Subject	Title
December 31, 2009	Publication of Update No. 4 to CSA standard C22.2 No. 42-99, <i>General Use Receptacles, Attachment Plugs and Similar Wiring Devices</i> .	Wiring Devices No. 56
December 31, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets</i> . (Supersedes Wiring Devices No. 37.)	Wiring Devices No. 37A
January 1, 2010	Publication of the second edition of CSA standard CAN/CSA-C681-06, <i>Performance of Self-Ballasted Compact Fluorescent lamps and Ballasted Adapters</i> .	Verification Service Announcement No. 35
January 5, 2010	Publication of CSA standard C22.2 No. 45.2-08, <i>Electrical Rigid Metal Conduit — Aluminum, Red Brass, and Stainless Steel</i> (bi-national standard with UL 6A, 2nd edition).	Conduit No. 23
March 10, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 243-01, <i>Vacuum Cleaners, Blower Cleaners and Household Floor Finishing Machines</i> (bi-national standard with UL 1017).	Vacuum Cleaners and Blower Cleaners No. 9
March 31, 2010	Publication of Amendments to UL 1059, <i>Terminal Blocks</i> . (Supersedes Wiring Devices No. 40.)	Wiring Devices No. 40A
April 1, 2010	Publication of CSA standard C22.2 No. 250.7-07, <i>Extra-low-voltage Landscape Lighting Systems</i> . (Supersedes Lighting Products No. 34.)	Lighting Products No. 52
► May 31, 2010	Transfer of existing certifications of shielded and concentric neutral power cables to CSA standard C68.5-05, <i>Primary shielded and concentric neutral cable for distribution utilities</i> .	Wire and Cable No. 142
May 31, 2010	Publication of CSA standard C68.10-08, <i>Shielded Power Cable for Commercial and Industrial Applications, 5-46 KV</i> .	Wire and Cable No. 139
May 31, 2010	Extension of effective date for CSA standard CAN/CSA-C22.2 No. 42.1-00, <i>Cover Plates for Flush-Mounted Wiring Devices</i> (bi-national standard with UL 514D).	Wiring Devices No. 39A

**Certification Notices (cont'd)**

Effective Date	Subject	Title
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
July 1, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 62.1-03, <i>Nonmetallic Surface Raceways and Fittings</i> (bi-national standard with UL5A).	Raceways and Fittings No. 7
September 17, 2010 (existing certifications). Immediately for new applications.	Publication of CSA standard C22.2 No. 250.0-08, <i>Luminaires</i> (bi-national standard with UL 1598, 3rd edition). (Supersedes Lighting Products No. 35, 35A, and 47.)	Lighting Products No. 53
December 1, 2010	Publication of CSA standard CAN/CSA-C22.2 No. 60950-1-07 (bi-national standard with UL 60950-1).	Information Technology and Electrical Business Equipment No. 16
► February 28, 2011	Publication of CSA standard C22.2 No. 52-09, <i>Underground secondary and service-entrance cables</i> .	Wire and Cable No. 143
January 1, 2012	Publication of CAN/CSA-E61131-2:06, <i>Programmable controllers — Part 2: Equipment requirements and tests</i> (Adopted IEC 61131-2:2003, 2nd edition, with Canadian deviations).	Programmable Controllers No. 1
May 1, 2012	Publication of bi-national standard CSA C22.2 No. 66-06 Series and UL 5085 Series, <i>Low Voltage Transformers</i> .	Transformers No. 6
August 21, 2016	Publication of CAN/CSA-C22.2 No. 60335-2-24-06, <i>Safety Requirements for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice Cream Appliances and Ice Makers</i> (tri-national standard with UL 60335-2-24 and NMX-J-521/2-24-ANCE-2006. Adopted IEC 60335-2-24:2002, sixth edition, with national deviations).	Household Refrigerators and Freezers No. 3