



INFO UPDATE

Electrical/Electronics

Volume 2 March/April 2007

Issue date: March 28, 2007

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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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.

CSA offers a free online service called *Keep Me Informed* that will notify registered users when each new issue of *Info Update* is published. To register go to <http://www.csa-intl.org/onlinestore/KeepMeInformed/PleaseIdentifyYourself.asp?Language=EN>.

To view the complete issue of *Info Update* visit <http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

What you'll find

Within each program, information is organized into the following sections:

Completed Projects / Projets terminés

▼ **New Standards – New Editions – Special Publications**

This section lists new standards, new editions (including adoptions), and special publications that have been published since the last issue of *Info Update*. To place your order call 1-800-463-6727 or visit our Online Store at <http://www.csa.ca>. Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

▼ **Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français**

Cette section énumère les nouvelles normes et éditions (y compris les normes adoptées) ainsi que les publications spéciales qui ont paru depuis la dernière livraison du bulletin Info-Update. Pour commander, composez le 1 800 463-6727 ou visitez notre Boutique en ligne, au <http://www.csa.ca>. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition. La liste de nos bureaux est présentée à la fin de ce document.

▼ **Amendments**

Amendments are issued periodically for some standards. This section lists amendments that have been published since the last issue of *Info Update*. Most amendments are made available to the purchaser free of charge by returning the update notification card included in the standard or registering online for the update service through the Online Store at <http://www.csa.ca> and clicking on "My Account" on the navigation bar. Amendments developed by other standards development organizations, and adopted by CSA are made available for a fee. The prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges.

▼ **Modifications publiées en français**

Dans le cas de certaines normes, des modifications sont publiées à intervalles réguliers. Cette section présente la liste des modifications publiées depuis la dernière livraison du bulletin *Info-Update*. La plupart des modifications étant offertes gratuitement, vous n'avez qu'à remplir et à nous retourner la carte d'avis de mise à jour incluse avec chaque norme. Vous pouvez également vous inscrire en direct à notre service de mise à jour en vous rendant à la Boutique en ligne, au <http://www.csa.ca>, et en cliquant sur le bouton « Mon compte » de la barre de navigation. Des frais s'appliquent toutefois aux modifications élaborées par d'autres organismes de normalisation et adoptées par la CSA. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition.

▼ **Adopted Standards**

Adopted standards have been developed by another standards development organization and have been approved by our technical committee for use in Canada, with or without modification. They are available for sale from CSA. You will find published adopted standards listed under "New Standards — New Editions — Special Publications."

▼ **Endorsed Standards**

Endorsed standards have been developed by another standards development organization, and have been approved by the appropriate CSA technical committee for use in Canada.

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail gic@ihscanada.ca; Web site <http://www.global.ihs.com>.

Completed Projects (cont'd) / Projets terminés (suite)

▼ Reaffirmed Standards

The standards listed in this section have been reviewed to determine if they remain technically valid and are acceptable for use until the next edition is published or for a further five years.

▼ Withdrawn Standards

The standards listed in this section have been withdrawn. Most withdrawn standards are available from our archived collection. Some copies may not be in original format.

To order, call toll-free 1-800-463-6727 (in Toronto, 416-747-4044).

▼ Formal Interpretations

This section lists questions that individuals have submitted about a particular standard. Each question has been reviewed and answered by the appropriate committee. If you would like to submit a question about a particular standard, please see the end notes in the preface of that standard.

Under Development

The *Under Development* section formerly published in *Info Update* is now available directly on the CSA website. This enhancement allows us to provide you with these important notifications on a more timely basis. To visit the new "Current Standards Activities" page, go to: <http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

Certification and Testing (CSA International)

▼ Informs Notices (Bulletins from CSA International)

An *Informs* is a notice containing information only. It does not contain anything that would require you to resubmit products for certification. If you would like a copy of an *Informs* notice, call CSA International at 416-747-4171, or fax 416-747-2476.

▼ Certification Notices

Certification notices inform you about changes that would require a product to be resubmitted for certification or about critical factors that may affect a product's certification. Products must comply with the changed requirements by the effective dates given.

CSA certification and testing clients receive these notices automatically. If you did not receive a copy or would like to receive one, call CSA International at 416-747-4171, or fax 416-747-2476.



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 4248.1-07, 1st edition

Fuseholders — Part 1: General Requirements (tri-national with NMX-J-009/4248/1-ANCE, first edition, and UL 4248-1, first edition) \$205

This standard covers fuseholders and devices that accommodate fuses to be used in electrical circuits and that are intended to be used in accordance with the *Canadian Electrical Code, Part I* (CEC, Part 1), the *National Electrical Code* (NEC), or the *Mexican Electrical Code*.

C22.2 No. 4248.4-07, 1st edition

Fuseholders — Part 4: Class CC (tri-national with NMX-J-009/4248/4-ANCE, first edition, and UL 4248-4, first edition) \$205

This standard covers fuseholders intended for use with Class CC fuses as described in NMX-J-009/248/4-2000-ANCE, CSA C22.2 No. 248.4, UL 248-4, *Low-Voltage Fuses — Part 4: Class CC Fuses*.

C22.2 No. 4248.5-07, 1st edition

Fuseholders — Part 5: Class G (tri-national with NMX-J-009/4248/5-ANCE, first edition, and UL 4248-5, first edition) \$205

This standard covers fuseholders intended for use with Class G fuses as described in NMX-J-009/248/5-2000-ANCE, CSA C22.2 No. 248.5, UL 248-5, *Low-Voltage Fuses — Part 5: Class G Fuses*.

C22.2 No. 4248.6-07, 1st edition

Fuseholders — Part 6: Class H (tri-national with NMX-J-009/4248/6-ANCE, first edition, and UL 4248-6, first edition) \$205

This standard covers fuseholders intended for use with Class H fuses as described in NMX-J-009/248/6-2000-ANCE, CSA C22.2 No. 248.6, UL 248-6, *Low-Voltage Fuses — Part 6: Class H Non-Renewable*; and NMX-J-009/248/7-2000-ANCE, C22.2 No. 248.7, UL 248-7, *Low-Voltage Fuses — Part 7: Class H Renewable Fuses*.

C22.2 No. 4248.8-07, 1st edition

Fuseholders — Part 8: Class J (tri-national with NMX-J-009/4248/8-ANCE, first edition, and UL 4248-8, first edition) \$205

This standard covers fuseholders intended for use with Class J fuses as described in NMX-J-009/248/8-2000-ANCE, CSA C22.2 No. 248.8, UL 248-8, *Low-Voltage Fuses — Part 8: Class J Fuses*.



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

C22.2 No. 4248.9-07, 1st edition

Fuseholders — Part 9: Class K (tri-national with NMX-J-009/4248/9-ANCE, first edition, and UL 4248-9, first edition) \$205

This standard covers fuseholders intended for use with Class K fuses as described in NMX-J-009/248/9-2000-ANCE, CSA C22.2 No. 248.9, UL 248-9, *Low-Voltage Fuses — Part 9: Class K Fuses*.

C22.2 No. 4248.11-07, 1st edition

Fuseholders — Part 11: Type C (Edison Base) and Type S Plug Fuse (tri-national with NMX-J-009/4248/11-ANCE, first edition, and UL 4248-11, first edition) \$205

The requirements in this standard cover the following:

- fuseholders intended for use with Type C (Edison-base) and Type S Plug Fuses as described in NMX-J-009/248/11-2000-ANCE, CSA C22.2 No. 248.11, UL 248-11, *Low-Voltage Fuses — Part 11: Plug Fuses*
- devices intended to be added to Edison-base fuseholders to reject fuses with larger ampere ratings
- devices intended to adapt Type S plug fuses for use in Edison-base fuseholders.

C22.2 No. 4248.12-07, 1st edition

Fuseholders — Part 12: Class R (tri-national with NMX-J-009/4248/12-ANCE, first edition, and UL 4248-12, first edition) \$205

This standard covers fuseholders intended for use with Class R fuses as described in NMX-J-009/248/12-2000-ANCE, CSA C22.2 No. 248.12, UL 248-12, *Low-Voltage Fuses — Part 12: Class R Fuses*.

C22.2 No. 4248.15-07, 1st edition

Fuseholders — Part 15: Class T (tri-national with NMX-J-009/4248/15-ANCE, first edition, and UL 4248-15, first edition) \$195

This standard covers fuseholders intended for use with Class T fuses as described in NMX-J-009/248/15-2000-ANCE, CSA C22.2 No. 248.15, UL 248-15, *Low-Voltage Fuses — Part 15: Class T Fuses*.

CAN/CSA-CEI/IEC 61000-4-3:07, 2nd edition (bilingual)

Electromagnetic compatibility (EMC) — Part 4-3: Testing and measurement techniques — Radiated, radio-frequency, electromagnetic field immunity test (Adopted CEI/IEC 61000-4-3:2006, third edition, without modification) \$185

This standard applies to the immunity requirements of electrical and electronic equipment to radiated electromagnetic energy. It establishes test levels and the required test procedures.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.3 n° 1-06, 8^e édition*Réseaux aériens* 165 \$

Cette norme s'applique aux lignes et au matériel des services publics d'électricité et de télécommunications, situés complètement à l'extérieur des bâtiments et des stations clôturées.

Il n'est pas nécessaire que les installations existantes, y compris les remplacements nécessaires à l'entretien, les ajouts et les modifications, conformes à la conception d'origine laquelle est conforme aux éditions, antérieures de cette norme soient modifiées pour assurer la conformité à cette édition de la norme sauf si cela est exigé, pour des raisons de sécurité, par l'autorité compétente.

CAN/CSA-CEI/IEC 61000-4-3:07, 2^e édition (bilingue)*Compatibilité électromagnétique (CEM) — Partie 4-3: Techniques d'essai et de mesure — Essai d'immunité aux champs électromagnétiques rayonnés aux fréquences radioélectriques* (norme CEI/IEC 61000-4-3:2006, troisième édition, adoptée sans modification) 185 \$

Cette norme traite de l'immunité des matériels des électriques et électroniques à l'énergie électromagnétique rayonnée. Elle définit les niveaux d'essai et les procédures d'essai nécessaires.

Amendments

CAN/CSA-C2.1-06*Single-Phase and Three-Phase Liquid-Filled Distribution Transformers*

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

C22.1-06*Canadian Electrical Code, Part I, Twentieth Edition*

The following is a list of errata that have been identified in the 2006 edition of the *Canadian Electrical Code, Part I*; the list also includes editorial changes that will be made in the next edition (2009).

Section 78, Subcommittee — “T. Branch” should read “R. Branch”.

Reference publications — “CSA C22.2 No. 59” should read “C22.2 No. 159”.

Reference publications — Delete the standard CSA C22.2 No. 59.1.

Section 0, Definitions — Delete the definition for “Repellent”.

Rule 2-102(4) — Add a delta symbol in the margin.

Rule 10-1102(1) — The Subrule should read “Neutral grounding devices shall be permitted to be used only on systems where all neutral conductors are insulated to the nominal system voltage”.

Rule 10-1108(2) — Delete the word “that”.

Rule 12-318(b)(i) and (ii) — “NS-75” and “NS-90” should read “NS75” and “NS90”.



Amendments (cont'd)

C22.1-06 (cont'd)

Rule 12-806(h) — “3 A” should read “30 A”.

Rule 20-012(2) — “Rules 18-108(1)(a)(iii) and 18-158(1)(a)(ii)” should read “Rules 18-108(3)(c) and 18-158(3)(b)”.

Rule 20-108(1) — “Rule 18-158(1)(a)(ii)” should read “Rule 18-158(3)(b)”.

Rule 26-260(1) — “Subrules (2), (3), and (4)” should read “Subrules (2) and (3)”.

Rule 70-122(4) — The second “(a)” should read “(b)”.

Appendix B Note to Rule 10-814(3) — Delete.

Appendix B Note to Rule 18-108(6)(a) — “Subrule (2)(a)(i) and (ii)” should read “Subrule (6)(a)(i) and (ii)”, and “Subrule (2)(a)(ii)” should read “Subrule (6)(a)(ii)”.

Appendix B Note to Rules 18-114, 28-314 — Delete Item (a) from the reference list.

Appendix B Note to Rule 32-200 — At the end of Item (b), the word “and” should read “or”.

Appendix B Note to Rule 72-110 — In the first sentence, “Subrule (1)(b)” should read “Subrule (1)(c)”. The second sentence should read “The 5-15R, 5-20RA and 14-50R receptacle configurations referred to in Subrules (1)(a), 1(b) and (1)(d) are shown in Diagram 1.”

Appendix D, Table D3, Note (3) — In the last sentence, “...calculation of allowable ampacity...” should read “...calculation and the allowable ampacity...”.

Appendix D, Table D3, Note (9) — Delete the sentence, “Beyond this distance a larger size of conductor is required, e.g., No. 10 AWG (30 A allowable ampacity) beyond 37 m up to and including 62 m.”

Delete the calculation, “ $9.7 \text{ m} \times 3(\%) \times 1.06 \times \frac{240 \text{ V}}{120\text{V}} = 62 \text{ m}$ ”.

Appendix D, Table D16 — Add “See Rules 28-106, 28-200, and 28-208” beneath the title.

Appendix J, Rule J18-158(3)(b) — “Zone” should read “Division”.

Appendix J, Rule J20-062(1) — Replace all of Subrule (1) with the following:

(1) The areas surrounding compressors shall be classified as follows:

- (a) in an outdoor location the space within 4.5 m in all directions from the compressor shall be considered to be a Class I, Division 2 location;
- (b) if the compressor is enclosed, the space within the compressor enclosure shall be considered a Class I, Division 1 location;
- (c) if the compressor is enclosed, the space within 3 m in all directions from non-gas-tight, non-welded seams and openings in the enclosure shall be considered a Class I, Division 2 location;
- (d) a compressor shall be regarded as enclosed when it is sheltered by a building or enclosure having four sides, a roof, and limited ventilation; and
- (e) when a gas-tight wall is located within the distances specified in Items (a) and (c), the distances shall be measured around the end of the wall, over the wall, or through any doors, windows, or openings in the wall.

Amendments (cont'd)

C22.1-06 (cont'd)

- Index** — All index references to the 12-3002 to 12-3038 series of Rules should have 2 subtracted, e.g., “12-3038” should read “12-3036”. (37 occurrences)
- Index** — “Cables, Travelling” — “36-008” should read Rules 38-012, 38-021, 38-036, 38-041, 38-043, 38-044, and 60-312.
- Index** — “Ground fault circuit interrupters” — “30-322” should read “Rule 30-320”. Delete “24-106” and “26-714” from the list.
- Index** — “Grounding, electrodes, interconnection of” and “Interconnection, ground electrodes” — Delete “10-706” and “54-308”, and add “54-304” and “60-710”.
- Index** — “Insulation, integrity” — “2-130” should read “2-132”. **Index** — “Switches, transfer” — “32-206” should read “32-208”.

CAN/CSA-E60730-1A:02 (bilingual)

Amendment 1:2007 to CAN/CSA-E60730-1:02, “Automatic electrical controls for household and similar use — Part 1: General requirements” (Adopted Amendment 1:2003 to CEI/IEC 60730-1:1999, with Canadian deviations) \$140

This document provides revisions to CAN/CSA-E60730-1:02.

Modifications publiées en français

CAN/CSA-C2.1-06

Transformateurs de distribution monophasés et triphasés à liquide diélectrique

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.

CAN/CSA-E60730-1A:02 (bilingue)

Modification 1:2007 à la norme CAN/CSA-E60730-1:02, «Dispositifs de commande électrique automatiques à usage domestique et analogue — Partie 1: Règles générales» (norme CEI/IEC 60730-1:1999, Amendement 1:2003, adoptée avec les exigences propres au Canada) 140 \$

Ce document renferme des modifications à la CAN/CSA-E60730-1:02.



Reaffirmed Standards

C9-02 (R2007)

Dry-Type Transformers

CAN/CSA-C22.2 No. 47-M90 (R2007)

Air-Cooled Transformers (Dry Type)

CAN/CSA-C22.2 No. 76-M92 (R2007)

Splitters

C22.2 No. 98-1954 (R2007)

Power-Operated Radio Transmitters

CAN/CSA-C71-2-98 (R2007)

Insulation co-ordination — Part 2: Application guide (Adopted CEI/IEC 71-2:1996, third edition, with Canadian deviations)

C199-M1982 (R2007)

Three-Phase Network Transformers

CAN/CSA-C1325-99 (R2007)

Insulators for overhead lines with a nominal voltage above 1 000 v — Ceramic or glass insulator units for d.c. systems — Definitions, test methods and acceptance criteria (Adopted CEI/IEC 1325:1995, first edition, with Canadian deviations)

CAN/CSA-C60104:03 (R2007)

Aluminium-magnesium-silicon alloy wire for overhead line conductors (Adopted CEI/IEC 60104:1987, second edition, with Canadian deviations)

CAN/CSA-C60871-2:03 (R2007)

Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V — Part 2: Endurance testing (Adopted CEI/IEC/TS 60871-2:1999, second edition, without modification)

CAN/CSA-C60888:03 (R2007)

Zinc-coated steel wires for stranded conductors (Adopted CEI/IEC 888:1987, first edition, with Canadian deviations)

CAN/CSA-C60889:03 (R2007)

Hard-drawn aluminium wire for overhead line conductors (Adopted CEI/IEC 889:1987, first edition, with Canadian deviations)

CAN/CSA-C61232:03 (R2007)

Aluminum-clad steel wires for electrical purposes (Adopted CEI/IEC 1232:1993, first edition, without modification)



Reaffirmed Standards (cont'd)

CAN/CSA-E60598-2-3B-98 (R2007)

Amendment 2:2002 to CAN/CSA-E60598-2-3-98, “Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting” (Adopted Amendment 2:2000 to CEI/IEC 598-2-3:1993, without modification)

CAN/CSA-E60598-2-5:02 (R2007)

Luminaires — Part 2-5: Particular requirements — Floodlights
(Adopted CEI/IEC 60598-2-5:1998, second edition, with Canadian deviations)

CAN/CSA-E598-2-8A-98 (R2007)

Amendment 1:2002 to CAN/CSA-E598-2-8-98, “Luminaires — Part 2-8: Particular requirements — Handlamps” (Adopted Amendment 1:2000 to CEI/IEC 598-2-8:1996, without modification)

CAN/CSA-E598-2-19B-98 (R2007)

Amendment 2:2002 to CAN/CSA-E598-2-19-98, “Luminaires — Part 2-19: Particular requirements — Section Nineteen: Air-handling luminaires (safety requirements)”
(Adopted Amendment 2:1997 to CEI/IEC 598-2-19:1981, without modification)

CAN/CSA-E730-2-4B-94 (R2007)

Amendment 2:2002 to CAN/CSA-E730-2-4-94, “Automatic electrical controls for household and similar use — Part 2-4: Particular requirements for thermal motor protectors for motor-compressors of hermetic and semi-hermetic type”
(Adopted Amendment 2:2001 to CEI/IEC 730-2-4:1990, without modification)

CAN/CSA-E60730-2-8:01 (R2007)

Automatic electrical controls for household and similar use — Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements
(Adopted CEI/IEC 60730-2-8:2000, second edition, without modification)

CAN/CSA-E60730-2-9:01 (R2007)

Automatic electrical controls for household and similar use — Part 2-9: Particular requirements for temperature sensing controls (Adopted CEI/IEC 60730-2-9:2000, second edition, without modification)

CAN/CSA-E60974-1A-00 (R2007)

Amendment 1:2002 to CAN/CSA-E60974-1-00, “Arc welding equipment — Part 1: Welding power sources” (Adopted Amendment 1:2000 to CEI/IEC 60974-1:1998, with Canadian deviations)

CAN/CSA-E60974-7:02 (R2007)

Arc welding equipment — Part 7: Torches (Adopted CEI/IEC 60974-7:2000, first edition, with Canadian deviations)

**Reaffirmed Standards (cont'd)**

CSA has reaffirmed its endorsement of the following IEC standards:

- **IEC 60464-2 (2001)**
Varnishes used for electrical insulation — Part 2: Test methods
- **IEC 60464-3-1**
Varnishes used for electrical insulation — Part 3: Specifications for individual materials, Sheet 1: Ambient curing finishing varnishes
- **IEC 60464-3-2**
Varnishes used for electrical insulation — Part 3: Specifications for individual materials, Sheet 2: Hot curing impregnating varnishes

Certification and Testing (CSA International)**Certification Notices**

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

Effective Date	Subject	Title
March 30, 2007	Publication of Technical Information Letter No. A-32, providing interim certification requirements for outdoor portable multiple-receptacle extension boxes.	Wiring Devices No. 41
June 1, 2007	Publication of CSA standard C22.2 No. 198.2-05, <i>Sealed Wire Connector Systems</i> (tri-national standard with UL486D and NMX-J-519-ANCE-05).	Wiring Devices No. 43
June 1, 2007	Publication of amendments to CSA standard CAN/CSA-C22.2 No. 60745-1-04, <i>Hand-held motor-operated electric tools — Safety — Part 1: General requirements</i> (bi-national standard, with UL 60745-1), and four new CAN/CSA-C22.2 No. 60745 Part 2-05 standards, covering concrete vibrators, strapping tools, band saws, and drain cleaners.	Electrical Tools No. 16
June 29, 2007	Publication of CSA standard C22.2 No. 227.1-06, <i>Electrical Nonmetallic Tubing</i> .	Conduit No. 17
August 1, 2007	Publication of CSA standard C22.2 No. 182.1-02, <i>Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type</i> (bi-national standard with UL 1682).	Wiring Devices No. 44

Certification Notices (cont'd)

Effective Date	Subject	Title
August 14, 2007	Publication of Technical Information Letter No. H-18A, covering interim certification requirements for burner controls incorporating programmable logic. These requirements supplement those of CSA standards C22.2 No. 199, <i>Combustion Safety Controls and Solid-State Igniters for Gas- and Oil-Burning Equipment</i> , and C22.2 No. 0.8, <i>Safety Functions Incorporating Electronic Technology</i> .	Signal Sensing and Controls No. 4
August 31, 2007	Publication of CSA standard C22.2 No. 38-05, <i>Thermosetting Insulated Wires and Cables</i> , and Technical Information Letter No. J-35, covering additional certification requirements (Heat Deformation Test).	Wire and Cable No. 118
December 1, 2007	Publication of CSA standard C22.2 No. 38-05, <i>Thermosetting Insulated Wires and Cables</i> . (Supersedes Wire and Cable No. 118.)	Wire and Cable No. 118A
January 4, 2008	Publication of Technical Information Letter No. J-36, providing interim test and marking requirements for electrical wires and cables intended for use where exposed to direct sunlight, where requirements presently do not exist in the product standard.	Wire and Cable No. 126
May 1, 2008	Publication of CSA standard C22.2 No. 211.1-06, <i>Rigid Types EB1 and DB2/ES2 PVC Conduit</i> .	Conduit No. 19
May 1, 2008	Publication of CSA standard C22.2 No. 211.2-06, <i>Rigid PVC (Unplasticized) Conduit</i> .	Conduit No. 20
June 30, 2008	Publication of CSA standard C22.2 No. 49-06, <i>Flexible Cords and Cables</i> .	Wire and Cable No. 128
August 1, 2008	Publication of Amendment 1 to CSA standard CAN/CSA-E61347-2-3:03, <i>Lamp controlgear — Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps</i> (Adopted CEI/IEC 61347-2-3:2000, first edition, 2000-10, with Canadian deviations).	Lighting Products No. 48
December 31, 2008	Publication of the third edition of CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets</i> .	Wiring Devices No. 37



Certification Notices (cont'd)

Effective Date	Subject	Title
December 31, 2008	Publication of CSA standard C22.2 No. 256-05, <i>Direct Plug-In Nightlights</i> .	Lighting Products No. 49
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