



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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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

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 416-747-2488, or fax 416-747-4173.



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 36-08, 7th edition

Hairdressing Equipment \$110

This standard applies to household and commercial electrical hairdressing equipment of the portable, pedestal, and table-mounted types, including hair dryers, hair steamers, combs, curlers, and the attachments with which they are sold, rated at 250 V and less, designed for use in nonhazardous location, in accordance with the rules of the *Canadian Electrical Code, Part I*.

This standard applies to portable multi-voltage equipment that is intended to operate on more than one nominal system voltage and to be:

- supplied with a cord set(s) or a power supply cord suitable for one intended operating voltage and an operator-accessible voltage-selecting means;
- used with direct plug-in devices, such as power supplies with built-in selector switches; or
- supplied with a cord set(s) terminating at one end in an attachment plug suitable for the intended operating voltage and at the other end in a unique connector that automatically establishes the correct voltage when connected to the machine, and no operator voltage-selecting means.

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

C22.2 No. 123-08, 5th edition

Metal Sheathed Cables..... \$75

This standard applies to single-conductor and multi-conductor Type RA90 and RC90 cables having a maximum temperature rating of 90 °C in both dry and wet locations and intended for installation in accordance with the rules of the *Canadian Electrical Code, Part I*.

Cables covered in this standard are intended for use on systems having nominal voltages up to 5000 V, except for 2-conductor, parallel, smooth aluminum sheathed cable, which is limited to 600 V.

Type RA90 aluminum or RC copper sheathed cables covered by this standard consist of a seamless smooth metal sheath or seamed or seamless corrugated metal sheath applied over one or more insulated conductors. In some cases an optional nonmetallic overall covering is applied over the sheath.

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



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

CAN/CSA-C22.2 No. 60601-1:08, 2nd edition (bilingual)
Medical electrical equipment — Part 1: General requirements for basic safety and essential performance (Adopted IEC 60601-1:2005, third edition, with Canadian deviations)..... \$340

This standard applies to the basic safety and essential performance of medical electrical equipment and medical electrical systems.

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

C68.10-08, 1st edition
Shielded Power Cable for Commercial and Industrial Applications..... \$135

This standard applies to the materials, construction, and testing of one- to four-conductor cross-linked polyethylene and ethylene propylene rubber-insulated shielded power cables, rated 5 to 46 kV, that are used for the distribution of electrical energy under normal conditions of installation and service in indoor, outdoor, aerial, underground, or underwater locations.

This standard specifies requirements for conductors, insulation, and protective coverings as well as for the construction and dimensions of most standard types of shielded cable.

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

C227.5-08, 1st edition
Three-Phase Live-Front Pad-Mounted Distribution Transformers..... \$100

This standard specifies requirements for three-phase live-front pad-mounted distribution transformer units that:

- consist of a transformer and a separable or integral cable entrance compartment
- are rated 75 to 3000 kV•A and are intended for operation on three-phase underground distribution systems having the preferred rated voltages
- are intended for mounting outdoors on pads without additional protective enclosures.

This standard allows for the replacement of a live-front pad-mounted unit by another unit of the same basic physical size from a different manufacturer without modification to cables or pad. It covers terminal arrangements for both radial and loop-feed systems, including certain minimum and other dimensions.

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

CAN/CSA-E60691:08, 2nd edition (bilingual)
Thermal-links — Requirements and application guide (Adopted CEI/IEC 60691:2002, third edition, including Amendment 1:2006, with Canadian deviations) \$220

This standard applies to thermal-links intended for incorporation in electrical appliances, electronic equipment and component parts, normally intended for use indoors, in order to protect them against excessive temperatures under abnormal conditions.

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

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 250.7-07, 1^{re} édition

Réseau d'éclairage paysager de très basse tension 200 \$

Cette norme vise les réseaux d'éclairage paysager de très basse tension, et leurs composants, raccordés par cordon, enfichables ou raccordés en permanence à une dérivation d'au plus 150 volts à la terre conformément au *Code canadien de l'électricité, Première partie*.

Cette norme vise uniquement les réseaux d'éclairage paysager de très basse tension dont la tension maximale du circuit de sortie est de 300 VA ou 25 A, en choisissant la valeur la plus basse, pour chacun des circuits secondaires fonctionnant à au plus 30 V eff. ou 42,4 V crête.

Les réseaux d'éclairage paysager de très basse tension visés par cette norme sont destinés à être utilisés dans un jardin, sur un chemin piétonnier, sur une terrasse ou dans un endroit extérieur similaire ou dans des endroits précis à l'intérieur comme les atriiums et les centres commerciaux conformément au marquage sur le produit.

CAN/CSA-C22.2 n° 60601-1:08, 2^e édition (bilingue)

Appareils électromédicaux — Partie 1 : Exigences générales pour la sécurité de base et les performances essentielles (norme IEC 60601-1:2005, troisième édition, adoptée avec exigences propres au Canada) 340 \$

Cette norme s'applique à la sécurité de base et aux performances essentielles des appareils électromédicaux et des systèmes électromédicaux.

Cette norme est offerte en format PDF seulement.

CAN/CSA-E60691:08, 2^e édition (bilingue)

Protecteurs thermiques — Prescriptions et guide d'application (norme CEI/IEC 60691:2002, troisième édition, comprenant l'amendement 1:2006, adoptée avec exigences propres au Canada)220 \$

Cette norme est applicable aux protecteurs thermiques destinés à être incorporés dans les appareils électriques, le matériel électronique et ses composants, normalement utilisés à l'intérieur d'un local, afin de les protéger contre les températures excessives lors de fonctionnement anormal.

Cette norme est offerte en format PDF seulement.



Amendments

CAN/CSA-C22.2 No. 130-03

Requirements for Electrical Resistance Heating Cables and Heating Device Sets

Revision of the contents, Clauses 1.3, 2, 4.8, 6.2.5.4.5, 6.2.6, and B.3, and Figure 6.

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

C22.2 No. 245-95 (R2004)

Marine Shipboard Cable

Revision of the title page, the copyright page, the contents, and Clauses 3.13 and 3.15.

Addition of Table 6A. Deletion of the CSA and UL foreword.

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

CAN/CSA-C22.2 No. 227.2.1-04

Liquid-Tight Flexible Nonmetallic Conduit

Revision of the title page, the copyright page, the contents, the preface, and Clauses

4.1.1, 6.1.3, and 6.2.1 Deletion of the CSA and UL foreword.

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

CAN/CSA-E60730-2-9A:01 (bilingual)

Amendment 1:2008 to CAN/CSA-E60730-2-9:01, "Automatic electrical controls for household and similar use — Part 2-9: Particular requirements for temperature sensing controls (Adopted Amendment 1:2002 to CEI/IEC 60730-2-9:2000, with Canadian deviations).....

\$60

This document provides revisions to CAN/CSA-E60730-2-9:01.

Modifications publiées en français

C22.2 n° 111-00 (C2005)

Interrupteurs à rupture brusque tout usage (norme binationale avec l'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 3.4.1, 4.1.2, 5.2.2, 5.2.3, 5.7.3, 5.7.4, 6.4, aux tableaux 15 et 16 et à la figure 1. Les articles 4.9.5, 5.18, 7.6.14 et 7.6.15 ont été ajoutés.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.2 n° 130-03

Exigences relatives aux câbles chauffants par résistance et aux ensembles d'appareils chauffants par résistance

Des modifications ont été apportées aux articles 1.3, 2, 4.8, 6.2.5.4.5, 6.2.6 et B.3 et à la figure 6.

Cette norme est offerte en format PDF seulement.

Modifications publiées en français (suite)

CAN/CSA-E60730-2-9A:01 (bilingue)

Modification 1:2008 à la norme CAN/CSA-E60730-2-9:01, « Dispositifs de commande électrique automatiques à usage domestique et analogue — Partie 2-9 : Règles particulières pour les dispositifs de commande thermosensibles (norme CEI/IEC 60730-2-9:2000, Amendement 1:2002, adoptée avec les exigences propres au Canada) 60 \$

Ce document renferme des modifications à la CAN/CSA-E60730-2-9:01.

Reaffirmed Standards

C22.2 No. 0.5-1982 (R2008)

Threaded Conduit Entries

C22.2 No. 0.8-M1986 (R2008)

Safety Functions Incorporating Electronic Technology

CAN/CSA-C22.2 No. 130-03 (R2008)

Requirements for Electrical Resistance Heating Cables and Heating Device Sets

C22.2 No. 160-M1985 (R2008)

Voltage and Polarity Testers

CAN/CSA-C411.4-98 (R2008)

Composite Suspension Insulators for Transmission Applications

Certification and Testing (CSA International)

Informes Notices

Date	Subject	Title
February 18, 2008	Publication of a new version of Manufacturing Control Checklist, Form CPC-1. This form was revised to incorporate changes to the <i>Canadian Electrical Code</i> , CSA standard C22.1-06 and CSA standard C22.2 No 14-05, <i>Industrial Control Equipment</i> .	Industrial Control Equipment No. 23
March 31, 2008	Clarification of certification requirements for component motor controllers covered in CSA C22.2 No. 14-2005, <i>Industrial Control Equipment</i> .	Industrial Control Equipment No. 24

**Informs Notices (cont'd)**

Date	Subject	Title
February 29, 2008	Publication of Update No. 4 to CSA standard C22.2 No. 52-96 (R2000), <i>Underground Service-Entrance Cables</i> .	Wire and Cable No. 133
March 3, 2008	Publication of CSA standard C22.2 No. 131-07, <i>Type TECK 90 cable</i> .	Wire and Cable No. 134

Certification Notices

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

Effective Date	Subject	Title
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
December 31, 2008	Publication of CSA standard C22.2 No. 256-05, <i>Direct Plug-In Nightlights</i> .	Lighting Products No. 49
► January 30, 2009	Publication of CSA standard C22.2 No. 45.1-07, <i>Electrical Rigid Metal Conduit — Steel</i> (tri-national standard with UL 6 and NMX-J-534-ANCE-2007). (Supersedes Conduit No. 14.)	Conduit No. 21
► January 30, 2009	Publication of CSA standard C22.2 No. 83.1-07, <i>Electrical Metallic Tubing - Steel</i> (tri-national standard with UL 797 and NMX-J-536-ANCE-2007). (Supersedes Raceways and Fittings No. 5.)	Raceways and Fittings No. 6
January 31, 2009	Publication of Update No. 1 to CSA standard C22.2 No. 18.3-04, <i>Conduit Tubing and Cable Fittings</i> (tri-national standard with NMX-J-017-ANCE and UL514B).	Wiring Products No. 10

Certification Notices (cont'd)

Effective Date	Subject	Title
February 27, 2009	New and revised requirements in standard UL 588, <i>Seasonal and Holiday Decorative Products, 18th edition.</i>	Lighting Products No. 50
▶ 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
▶ 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
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
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
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).	Programmable Controllers No. 1
May 1, 2012 (Canada)	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