

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 14-05, 10th edition

Industrial Control Equipment \$150

This standard applies to control and protective devices, and accessory devices, rated at not more than 1500 V, for starting, stopping, regulating, controlling, or protecting electric motors, generators, heating apparatus, or other equipment used to control an industrial process that is intended to be installed and used in non-hazardous locations in accordance with the rules of the *Canadian Electrical Code, Part I*.

C22.2 No. 227.3-05, 3rd edition

Nonmetallic Mechanical Protection Tubing (NMPT)
(Bi-national standard with UL 1696, first edition) \$395

This standard applies to non-metallic mechanical protection tubing (NMPT) and fittings in 10 to 53 (1/4 to 2) trade sizes for use as support and protection of insulated conductors in equipment intended for use in non-hazardous location.

CAN/CSA-C22.2 No. 60745-2-12-05, 2nd edition

Hand-held motor-operated electric tools—Safety—Part 2-12: Particular requirements for concrete vibrators (Bi-national standard with UL 60745-2-12, second edition. Adopted IEC 60745-2-12:2003, second edition, without modification) \$260

This standard applies to concrete vibrators.

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

CAN/CSA-C22.2 No. 60745-2-18-05, 1st edition

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 IEC 60745-2-18:2003, first edition, without modification) \$260

This standard applies to strapping tools.

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

CAN/CSA-C22.2 No. 60745-2-20-05, 1st edition

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 IEC 60745-2-20:2003, first edition, without modification) \$260

This standard applies to band saws.

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



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

CAN/CSA-C22.2 No. 60745-2-21-05, 1st edition

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 IEC 60745-2-21:2003, first edition, without modification) \$260

This standard applies to drain cleaners.

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

CAN/CSA-CEI/IEC 61000-4-11-05, 2nd edition (bilingual)

Electromagnetic compatibility (EMC)–Part 4-11: Testing and measurement techniques–Voltage dips, short interruptions and voltage variations immunity tests

(Adopted CEI/IEC 61000-4-11:2004, second edition, without modification) \$120

This standard defines the immunity test methods and range of preferred test levels for electrical and electronic equipment connected to low-voltage power supply networks for voltage dips, short interruptions, and voltage variations.

This standard applies to electrical and electronic equipment having a rated input current not exceeding 16 A per phase, for connection to 50 Hz or 60 Hz a.c. networks.

CAN/CSA-E60335-2-31:05, 2nd edition

Household and similar electrical appliances–Safety–Part 2-31: Particular requirements for range hoods (Adopted IEC 60335-2-31:2002, fourth edition,

with Canadian deviations) \$60

This standard deals with the safety of electric range hoods intended for installation above household ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.

CAN/CSA-E60335-2-76:05, 2nd edition

Household and similar electrical appliances–Safety–Part 2-76: Particular requirements for electric fence energizers (Adopted IEC 60335-2-76:2002,

second edition, with Canadian deviations) \$165

This standard deals with the safety of electric fence energizers with rated voltage being not more than 250 V, intended for agricultural use, for control of domestic farm and feral animals.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 27-00, 5^e édition

Barres blindées (norme tri-nationale avec UL 857, douzième édition et NMX-J-148-ANCE, deuxième édition) 395 \$

Cette norme s'applique aux barres blindées et accessoires connexes pour branchements du consommateur, artères et circuits de dérivation d'au plus 600 V et 6000 A, et destinés à être installés conformément au *Code canadien de l'électricité, Première partie*, au *National Electrical Code* (NEC), et à la norme mexicaine sur les installation électriques (utilisation). Cette norme ne s'applique pas aux barres sous boîtier métallique destinées au raccordement d'appareillages de commutation dans des systèmes de distribution électrique préfabriqués.

C22.2 n° 214-02, 6^e édition

Câbles de télécommunications (norme binationale avec UL 444, troisième édition) 250 \$

Cette norme s'applique aux câbles de 60 à 250 °C, monoconducteurs ou multi-conducteurs, avec ou sans gaine, avec isolant intégré ou non, et aux câbles coaxiaux simples ou multiples destinés à des circuits de téléphonie ou à d'autres systèmes de télécommunications (voix, données, audio, etc.) installés. Ces câbles peuvent comporter un ou plusieurs éléments à fibre optique. Dans le contexte de cette norme, un câble coaxial ou un conducteur à élément coaxial est assimilé à un monoconducteur avec blindage. Dans le contexte de cette norme, un câble monoconducteur ou multiconducteur sans gaine est assimilé à un fil d'interconnexion.

CAN/CSA-C22.2 n° 60745-2-18-05, 1^{re} édition

Outils électroportatifs à moteur–Sécurité–Partie 2-18 : Règles particulières pour les outils de cerclage (Norme binationale avec UL 60745-2-18, première édition. Norme CEI 60745-2-18, première édition, adoptée sans modifications) 260 \$

Cette norme s'applique aux outils de cerclage électriques.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.2 n° 60745-2-20-05, 1^{re} édition

Outils électroportatifs à moteur–Sécurité–Partie 2-20 : Règles particulières pour les scies à ruban (Norme binationale avec UL 60745-2-20, première édition. Norme CEI 60745-2-20, première édition, adoptée sans modifications) 260 \$

Cette norme s'applique aux scies à ruban.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.2 n° 60745-2-21-05, 1^{re} édition

Outils électroportatifs à moteur–Sécurité–Partie 2-21 : Règles particulières pour les curettes (Norme binationale avec UL 60745-2-21, première édition. Norme CEI 60745-2-21, première édition, adoptée sans modifications) 260 \$

Cette norme s'applique aux curettes électriques.

Cette norme est offerte en format PDF seulement.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-C22.2 n° 61010-2-010:04, 2^e édition (bilingue)

*Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–
Partie 2-010: Exigences particulières pour appareils de laboratoire utilisés pour l'échauffement
des matières* (norme CEI/IEC 61010-2-010:2005, deuxième édition, adoptée sans
modifications) 80 \$

Cette norme s'applique uniquement aux appareils de laboratoire alimentés électriquement pour l'échauffement des matières, où l'échauffement des matières est la seule fonction ou est une des multiples fonctions de l'appareil.

Cette norme est offerte en format PDF seulement.

CAN/CSA-CEI/IEC 61000-4-11-05, 2^e édition (bilingue)

*Compatibilité électromagnétique (CEM)–Partie 4-11: Techniques d'essai et de mesure–
Essais d'immunité aux creux de tension, coupures brèves et variations de tension*
(norme CEI/IEC 61000-4-11:2004, deuxième édition, adoptée sans modifications) 120 \$

Cette norme définit les méthodes d'essai d'immunité ainsi que la gamme des niveaux d'essais préférés pour les matériels électriques et électroniques connectés à des réseaux d'alimentation basse tension pour les creux de tension, les coupures brèves et les variations de tension.

Amendments

C22.2 No. 96-03

Portable Power Cables

Revision of Clause 10.3.6.4 and Tables 4A, 12, and 24.

C22.2 No. 140.2-96 (R2001)

Hermetic Refrigerant Motor-Compressors

Revision of the title page, the copyright page, the contents, Clauses 34.2, 41.4, 41.13, 41.18, 41.20, and 41.21, and Tables 41.1–41.3. Addition of Clause 34.3. Deletion of Foreword (UL).

CAN/CSA-C22.2 No. 60745-1-04

Hand-Held Motor-Operated Electric Tools–Safety–Part 1: General Requirements

(Bi-national standard with UL 60745-1, third edition. Adopted IEC 60745-1:2003, edition 3.2, with modifications)

Revision of the title page, the copyright page, the preface, Clauses 2DV.14 DC, 8.1DV D1, 20.4DV.1 D2, 26.2DV D1, K.20.4DV.1 D2, and L.20.4DV.1 D2, and Table 10DV D1, and Annex DVL DE. Addition of Clauses 3.3.4DV.1 D2 and K.15.1DV D1. Deletion of the Foreword (UL) and Clause 8.12.1DV D1.

CAN/CSA-C22.3 No. 1-01

Overhead Systems

Revision of Table 13. Addition of Clauses 4.8.1.3, 4.8.3.3, and A4.8.1.3.



Modifications publiées en français

C22.2 n° 140.2-96 (R2001)

Compresseurs frigorifiques hermétiques

Des modifications ont été apportées à la page titre, à la table des matières, aux articles 34.2, 41.4, 41.13, 41.18, 41.20 et 41.21 et les tableaux 41.1 à 41.3. L'article 34.3 a été ajoutée. À l'avant-propos (UL) a été abrogés.

C22.2 n° 214-02

Câbles de télécommunications

Des modifications ont été apportées à la page titre, aux articles 3.1, 6.14.1, 7.3.3.1 et les tableaux 2, 3 et A.1.

CAN/CSA-C22.3 n° 1-01

Réseaux aériens

Des modifications ont été apportées au tableau 13. Les articles 4.8.1.3, 4.8.3.3 et A4.8.1.3 ont été ajoutés.

Reaffirmed Standards

CAN/CSA-C22.2 No. 601.2.3-92 (R2005)

Medical electrical equipment Part 2: Particular requirements for the safety of short-wave therapy equipment (Adopted IEC 601-2-3:1991)

CAN/CSA-C22.2 No 601.2.3A-92 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.3-92, "Medical electrical equipment—Part 2: Particular requirements for the safety of short-wave therapy equipment" (Adopted Amendment 1:1998 to IEC 601-2-3:1991)

CAN/CSA-C22.2 No. 60601-2-8-01 (R2005)

Medical electrical equipment—Part 2-8: Particular requirements for the safety of therapeutic x-ray equipment operating in the range 10 kV to 1 MV (Adopted CEI/IEC 60601-2-8:1987 + Amendment 1:1997)

CAN/CSA-C22.2 No. 601.2.19-92 (R2005)

Medical electrical equipment—Part 2: Particular requirements for the safety of baby incubators (Adopted IEC 601-2-19:1990)

CAN/CSA-C22.2 No. 601.2.19A-92 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.19-92, "Medical electrical equipment—Part 2: Particular requirements for the safety of baby incubators" (Adopted Amendment 1:1996 to IEC 601-2-19:1990)

CAN/CSA-C22.2 No. 601.2.20-92 (R2005)

Medical electrical equipment—Part 2: Particular requirements for the safety of transport incubators (Adopted IEC 601-2-20:1990)



Reaffirmed Standards (cont'd)

CAN/CSA-C22.2 No. 601.2.20A-92 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.20-92, “Medical electrical equipment Part 2: Particular requirements for the safety of transport incubators”
(Adopted Amendment 1:1996 to IEC 601-2-20:1990)

CAN/CSA-C22.2 No. 601.2.21A-98 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.21-98, “Medical electrical equipment—Part 2: Particular requirements for the safety of infant radiant warmers”
(Adopted Amendment 1:1996 to IEC 601-2-21:1994)

CAN/CSA-C22.2 No. 601.2.31A-98 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.31-98, “Medical electrical equipment—Part 2-31: Particular requirements for the safety of external cardiac pacemakers with internal power source” (Adopted Amendment 1:1998 to IEC 601-2-31:1994)

CAN3-C108.3.1-M84 (R2005)

Limits and Measurement Methods of Electromagnetic Noise from AC Power Systems, 0.15-30 MHz

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Brian Haydon at 416-747-4006 or brian.haydon@csa.ca:

- **C22.2 No. 2556, 2nd edition**
Wire and Cable Test Methods

For more information about the proposed development of the following new projects, contact David Hulford at 416-747-2740 or david.hulford@csa.ca:

- **C22.2 No. 74, 5th edition**
Discharge Lamp Control Devices
- **C22.2 No 250.0, 3rd edition**
Luminaires



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 July 11, 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. 227.1, 4th edition**
Electrical Nonmetallic Tubing

Proposed Amendments

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

- **C22.2 No. 18.3-04**
Conduit, Tubing and Cable Fittings
Revision of various clauses.
- **C22.2 No. 48-M90**
Nonmetallic Sheathed Cable
Revision of Clauses 4.2.6 and 4.3.2.4.
- **C22.2 No. 65-03**
Wire Connectors
Revision of various clauses.
- **C22.2 No. 250.0-04**
Luminaires
Revision of various clauses.
- **CAN/CSA-C22.2 No. 60950-1-03**
Information technology equipment–Safety–Part 1: General requirements
Revision of Clause 3.2.



Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
February 28, 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, issued February 25, 2005.)	Appliances No. 9
March 25, 2005	Publication of CAN/CSA-E60335-2-xx standards, <i>Household and similar electrical appliances–Safety–</i> Particular requirements for the following: <ul style="list-style-type: none">• kitchen machines• appliances for heating liquids• range hoods• sauna heating appliances• electrical appliances for use with aquariums and garden ponds• electric fence energizers.	Appliances No. 10
March 7, 2005	Introduction of Component Acceptance Service for protective conduit and the publication of Technical Information Letter No. J-34, covering interim certification requirements for protective conduit.	Component Acceptance Service No. 40
March 25, 2005	Publication of Technical Information Letter No. G-37C, covering interim certification requirements for electronically commutated (brushless) d.c. component fans. (Supersedes Technical Information Letter No. G-37B, issued September 18, 1998.)	Fans and Ventilators No. 5
April 6, 2005	Publication of CSA standard C22.2 No. 255-04, <i>Neon Transformers and Power Supplies</i> . The requirements of this standard are identical to Technical Information Letter No. B-71; therefore, B-71 has been cancelled.	Lighting Products No. 46
April 15, 2005	Publication of Update No. 2 to CSA standard C22.2 No. 127-99, <i>Equipment and Lead Wires</i> .	Wire and Cable No. 116

Certification Notices

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

Effective Date	Subject	Title
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
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
► March 31, 2006	Publication of Update No. 2 to CSA standard C22.2 No. 214-02, <i>Communications Cables</i> .	Wire and Cable No. 117
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