



## **Completed Projects / Projets terminés**

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### **New Standards – New Editions – Special Publications**

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#### **C22.2 No. 130-03, 3rd edition**

*Requirements for Electrical Resistance Heating Cables and Heating Device Sets*..... \$150

This standard specifies the requirements for heating cables, cable sets, and surface heating device sets for use on system voltages not exceeding 750 V, for installation in accordance with the *Canadian Electrical Code, Part I*. This standard applies to heating devices installed on or in metal and non-metallic pipes, tanks, vessels, and related equipment and to various surface-heating applications. It also specifies the requirements for heating devices that are for use in hazardous locations.

Typical applications include the following:

- a) the protection of pipes, tanks, and vessels (including fire protection systems) from freezing;
- b) maintaining required temperatures on process equipment, including pipes, tanks, and vessels;
- c) earth thermal storage;
- d) hot water temperature maintenance;
- e) surface heating in or under surfaces;
- f) snow melting; and
- g) de-icing of roofs and gutters.

#### **C22.2 No. 211.0-03, 2nd edition**

*General Requirements and Methods of Testing for Nonmetallic Conduit*..... \$100

This standard describes general requirements, apparatus, and test methods to be used in carrying out applicable tests and calculations for rigid non-metallic conduits, elbows, bends, and associated fittings required by the rigid non-metallic conduit standards of the *Canadian Electrical Code, Part II*.

#### **CAN/CSA-C22.2 No. 60065:03, 1st edition (bilingual)**

*Audio, Video and Similar Electronic Apparatus—Safety Requirements*

(Adopted CEI/IEC 60065:2001, seventh edition, including Corrigendum 1:2002, with Canadian deviations)..... \$250

This standard specifies safety requirements for audio, video and similar electronic apparatus designed to be installed and used in accordance with the rules of the *Canadian Electrical Code, Part I*.

**New Standards – New Editions – Special Publications (cont'd)****CAN/CSA-C60104:03, 1st edition (bilingual)***Aluminium-Magnesium-Silicon Alloy Wire for Overhead Line Conductors*

(Adopted CEI/IEC 60104:1987, second edition, with Canadian deviations) ..... \$30

This standard applies to aluminium-magnesium-silicon alloy wires of two designations having different mechanical and electrical properties for the manufacture of stranded conductors for overhead power transmission purposes. It specifies the mechanical and electrical properties of wires in the diameter range 1.25 mm to 6.50 mm. The two designations are A2 and A4.

**CAN/CSA-E60335-1/4E:03, 3rd edition (bilingual)***Household and Similar Electrical Appliances—Safety—Part 1: General Requirements*

(Adopted CEI/IEC 60335-1:2001, fourth edition, with Canadian deviations) ..... \$240

The object of this Part 1 standard is to specify general electrical safety requirements for certain products. The requirements of this standard apply to a specific end-use product when this standard is explicitly referred to by the Part 2 particular standard for the product. Each particular product standard may supplement, modify, or omit a general rule in the Part 1 standard to provide the relevant requirements for each type of product.

This standard deals with the safety of electrical appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 600 V for other appliances.

This standard applies to the safety of such equipment designed to be installed and used in accordance with the rules of the *Canadian Electrical Code, Part I*.

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

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**CAN/CSA-C22.2 n° 60065:03, 1<sup>re</sup> édition (bilingue)***Appareils audio, vidéo et appareils électroniques analogues—Exigences de sécurité*(norme CEI/IEC 60065:2001, 7<sup>e</sup> édition, y compris l'amendement 1:2002,

a été adoptée, avec exigences propres au Canada) ..... 250 \$

Cette norme prescrit les exigences de sécurité visant les appareils audio, vidéo et les appareils électroniques analogues conçus pour être installés et utilisés conformément au *Code canadien de l'électricité, Première partie*.

**CAN/CSA-C60104:03, 1<sup>re</sup> édition (bilingue)***Fils en alliage d'aluminium-magnésium-silicium pour conducteurs de lignes aériennes*(norme CEI/IEC 60104:1987, 2<sup>e</sup> édition, avec exigences propres au Canada) ..... 30 \$

Cette norme est applicable aux fils en alliage d'aluminium-magnésium-silicium de deux types, ayant différentes propriétés mécaniques et électriques, pour la fabrication de conducteurs toronnés pour lignes aériennes de transport d'énergie électrique. Elle spécifie les propriétés mécaniques et électriques des fils dans la gamme de diamètres de 1,25 mm à 6,50 mm. Les deux types sont respectivement désignés type A2 et type A4.

## Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

### **CAN/CSA-E60335-1/4E:03, 3<sup>e</sup> édition (bilingue)**

*Appareils électrodomestiques et analogues—Sécurité—Partie 1 : Prescriptions générales*  
(norme CEI/IEC 60335-1:2001, 4<sup>e</sup> édition, avec exigences propres au Canada)..... 240 \$

L'objet de cette première partie est d'énoncer les exigences générales de sécurité électrique visant certains produits. Cette norme s'applique à un produit donné si la norme visant de produit le spécifie. Chaque norme de produit peut compléter, modifier ou ignorer des exigences générales de la partie 1 afin que les exigences soient pertinentes à chaque type de produit.

Cette norme traite de la sécurité des appareils électriques pour usages domestiques et analogues dont la tension assignée n'est pas supérieure à 250 V pour les appareils monophasés et à 600 V pour les autres appareils.

Cette norme vise la sécurité des appareils conçus pour être installés et utilisés conformément au *Code canadien de l'électricité, Première partie*. L'application du *Code canadien de l'électricité, Première partie* ne doit pas être remplacée par aucune norme CEI de la partie 2.

## Amendments

### **C22.2 No. 63-93 (R1999)**

*Household Refrigerators and Freezers*

Revision the title page, the copyright page, the contents page, the preface, the foreword (CSA), the foreword (UL), Clauses 4.4.3, 4.4.4, 4.7.1-4.7.6, 4.8.1.4, 4.8.1.5, 4.8.1.5A, 4.9.1.3, 4.9.2.1, 4.10.2.5, 5.7.1, 5.7.5, 5.7.10, 6.1.2, 6.1.3, 8.8.1-8.8.3, 8.13.2, 9.2-9.4.1, 9.4.3, 9.5, 9.5.1, 9.9.1, 9.11.1, 9.12.1, 9.13.1, 9.14.1, and 10.2.1-10.2.6, and Tables 4.2, 4.3, 6.1, and 8.4, and Appendix A. Clauses 6.1.3.1, 6.1.3.2, 6.1.7, 8.8.5-8.8.7, 10.2.7-10.2.10, 11.1.26, 11.2.5, and 11.2.6 and Tables 6.2, 10.2, and 11.1 have been added.

### **CAN/CSA-C22.2 No. 108-01**

*Liquid Pumps*

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

## Modifications publiées en français

### **CAN/CSA-C22.2 n° 108-01**

*Pompes pour liquides*

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



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## Reaffirmed Standards

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**C22.2 No. 0.5-1982 (R2003)**

*Threaded Conduit Entries*

**C22.2 No. 0.8-M1986 (R2003)**

*Safety Functions Incorporating Electronic Technology*

**C22.2 No. 1-98 (R2003)**

*Audio, Video, and Similar Electronic Equipment*

**C22.2 No. 160-M1985 (R2003)**

*Voltage and Polarity Testers*

**C108.1.1-1977 (R2003)**

*Electromagnetic Interference Measuring Instrument—CISPR Type*

**C108.1.2-M1981 (R2003)**

*Electromagnetic Interference Measuring Instrument—ANSI Type*

**CAN3-C108.1.5-M85 (R2003)**

*Line Impedance Stabilization Network (LISN)*

**CAN/CSA-C108.9-M91 (R2003)**

*Sound and Television Broadcasting Receivers and Associated Equipment—Limits and Methods of Measurement of Immunity Characteristics*

## ***Under Development***

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### **Notice of Intent**

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For more information about the proposed development of the following new project, contact Michael Henville at 416-747-2227 or michael.henville@csa.ca:

- **C22.2 No. 100, 6th edition**  
*Motors and Generators*



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## Drafts for Public Review

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**Please note:** Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by August 20, 2003.

### *Draft Standards*

To receive copies of the following draft standards, or to offer comments, contact Annie Pereira at 416-747-4094 or [annie.pereira@csa.ca](mailto:annie.pereira@csa.ca):

- **C22.2 No. 188, 2nd edition**  
*Splicing Wire Connectors*
- **C22.2 No. 208, 2nd edition**  
*Fire Alarm and Signal Cable*

### *Proposed Amendments*

To receive copies of the following proposed amendment, or to offer comments, contact Denis Vaz at 416-747-2519 or [denis.vaz@csa.ca](mailto:denis.vaz@csa.ca):

- **CAN/CSA-C22.2 No. 110-94**  
*Construction and Test for Electric Storage-Tank Water Heaters*

Proposed revision of Clauses 3.21, 3.22, 4.13.7, 5.8 , and Appendix A.  
Proposed addition of Appendix B.

To receive copies of the following proposed amendment, or to offer comments, contact Tom Bartoffy at 416-747-2636 or [tom.bartoffy@csa.ca](mailto:tom.bartoffy@csa.ca):

- **C22.2 No. 243-01**  
*Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines*

Proposed revision of various clauses.

To receive copies of the following proposed amendment, or to offer comments, contact David Hulford at 416-747-2740 or [david.hulford@csa.ca](mailto:david.hulford@csa.ca):

- **CAN/CSA-E598-2-2-98**  
*Luminaires–Part 2: Particular Requirements–Section 2: Recessed Luminaires*  
(Adopted IEC 598-2-2:1996)

Proposed revision of the Canadian deviations.



## Drafts for Public Review (cont'd)

### *Proposed Adoptions*

For more information about the proposed adoption of the following IEC standard, contact Michael Henville at 416-747-2227 or michael.henville@csa.ca:

- **IEC 60320-2-2:1998**  
*Appliance Couplers for Household and Similar General Purposes–Part 2-2:  
Interconnection Couplers for Household and Similar Equipment*

For more information about the proposed adoption of the following IEC standard, contact Michael Wilson at 416-747-2532 or michael.wilson@csa.ca:

- **IEC 60950-21:2002**  
*Information Technology Equipment–Safety–Part 21: Remote Power Feeding*

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

- **IEC 61000-2-4:2002**  
*Electromagnetic Compatibility (EMC)–Part 2-4: Environment–Compatibility Levels in Industrial Plants for Low-Frequency Conducted Disturbances*
- **IEC/TR3 61000-2-6:1995**  
*Electromagnetic Compatibility (EMC)–Part 2: Environment–Section 6: Assessment of the Emission Levels in the Power Supply of Industrial Plants as Regards Low-Frequency Conducted Disturbances*
- **IEC/TR3 61000-3-6:1996**  
*Electromagnetic Compatibility (EMC)–Part 3: Limits–Section 7: Assessment of Emission Limits for Distorting Loads in MV and HV Power Systems–Basic EMC Publication*
- **IEC/TR3 61000-3-7:1996**  
*Electromagnetic Compatibility (EMC)–Part 3: Limits–Section 7: Assessment of Emission Limits for Distorting Loads in MV and HV Power Systems–Basic EMC Publication*

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## Proposed Reaffirmation of Standards

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For more information about the proposed reaffirmation of the following standards, contact John O’Neill at 416-747-4042 or john.oneill@csa.ca:

- **CAN/CSA-C22.3 No. 6-M91 (R1998)**  
*Principles and Practices of Electrical Coordination Between Pipelines and Electric Supply Lines*
- **CAN/CSA-C22.3 No. 8-M91 (R1998)**  
*Railway Electrification Guidelines*

## Certification and Testing (CSA International)

### Informs Notices

Date	Subject	Title
April 28, 2003	Additional certification requirements for manufacturers of wires and cables who are making changes to insulation, jacket or covering compound packages.	Wire and Cable No. 102
May 14 2003	Introduction of a Component Acceptance Service for special-use uninsulated compression-type wire connectors.	Component Acceptance Service No. 36
May 30, 2003	Publication of Technical Information Letter (T.I.L.) No. C-32, covering interim certification requirements for impact wrenches.	Electrical Tools No. 13

### Certification Notices

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

Effective Date	Subject	Title
▶ Various Dates	Publication of binational standard CAN/CSA-C22.2 No. 60950-1-03/UL 60950-1, <i>Information Technology Equipment—Safety—Part 1: General Requirements</i> . This standard supersedes a number of publications.	Information Technology and Electrical Business Equipment No. 11
August 1, 2003	Publication of amendments to the eighth edition of UL 924, <i>Emergency Lighting and Power Equipment</i> .	Emergency Lighting Products No. 1
November 7, 2003	Publication of the third edition of CSA standard C22.2 No. 104-01, <i>Humidifiers</i> . (Supersedes Certification Notice, <i>Humidifiers No. 1</i> .)	Humidifiers No. 2
December 1, 2003	Publication of amendments to CSA standard C22.2 No. 61-M89, <i>Household Cooking Ranges</i> .	Household Cooking Ranges No. 5
April 10, 2004	Publication of an amendment to the twelfth edition of UL 153, <i>Portable Electric Luminaires</i> . The requirements in UL 153 are the basis for CSA certification to the US requirements, indicated by the CSA Mark with the <i>NRTL</i> or <i>US</i> indicator.	Lighting Products No. 39



### Certification Notices (cont'd)

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
July 1, 2004	Publication of Technical Information Letter No. I-39, covering interim certification requirements that will be incorporated into the next edition of C22.2 No. 1.	Audio and Video Equipment No. 15
September 30, 2004	Publication of the third edition of CSA standard C22.2 No. 107.1-01, <i>General Use Power Supplies</i> . (Supersedes Certification Notice, <i>Power Supplies No. 4</i> .) (Note: The effective date was September 2002 for certain types specified in the notice.)	Power Supplies No. 18