



**CANADIAN STANDARDS  
ASSOCIATION**

**INFO UPDATE**

**Volume 1 January/February 2004**

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## Canadian Standards Association

### *Making Standards Work for People and Business*

The **Canadian Standards Association** has been a leader in standards development since 1919. Accredited by the Standards Council of Canada, we have published over 2000 standards for the safety, design and performance of a wide range of products and services. Many of our standards are cited in legislation at federal, provincial, state and municipal levels across North America. Many are internationally or regionally harmonized. All of our standards are the result of the knowledge and expertise of our members who develop the standards.

Our 9,000+ members are at the heart of the CSA process for the development of standards. They come from all walks of life and include scientists, academics, environmentalists and technicians. They represent government, industry, labour and consumers. All CSA standards are developed following principles of consensus, so that all viewpoints receive a fair hearing with no one interest group dominating.

There are two different types of membership; volunteer committee membership and sustaining membership. Our committee members contribute time and expertise to the process of standards development, and our sustaining members support this work through the payment of annual dues.

CSA is funded through the sale of information products, membership, and from interested stakeholders.

At the Canadian Standards Association, we know the power of standards to effect change and are committed to making standards work for people and business.

For more than 80 years, the Canadian Standards Association has developed standards to create a better, safer world – and we will continue to touch people's lives in positive ways for many years to come.

*Visit our web site at [www.csa.ca](http://www.csa.ca) and  
find out just how convenient  
and efficient it is to access  
all the latest information.*

## About this publication

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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, and standards under development. 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/KeepMeInformed.asp>.

Information is organized into the eight program areas listed below.



**Communications/Information** includes Information Technology • Telecommunications



**Construction Products & Materials** includes Building Products • Building Systems (Industrialized Buildings) • Concrete • Forest Products • Masonry • National Construction Codes • Offshore Structures • Plumbing Products and Materials • Structures (Design) • Welding and Structural Metals



**Electrical/Electronics** includes the Canadian Electrical Code, Part I • Canadian Electrical Code, Part II – General Requirements • Canadian Electrical Code, Part II – Consumer and Commercial Products, Industrial Products, and Wiring Products • Canadian Electrical Code Part III – Outside Wiring • Electrical Engineering Standards • Electromagnetic Compatibility



**Energy** includes Fire Safety and Fuel Burning Equipment • Nuclear • Oil and Gas Industry Systems and Materials • Performance, Energy Efficiency and Renewables



**Environment** includes Environmental Management • Environmental Technology



**Gas Equipment** includes Natural Gas and Propane Installation Codes • Natural Gas and Propane Vehicle Fuel Systems and Industrial Engines • Accessories • Domestic and Commercial Water Heaters and Boilers • Food Processing and Food Refrigeration • Gas Fired Domestic and Commercial Heating Equipment and Air Conditioning • Incineration • Large Input Commercial and Industrial Equipment (Over 400,000 Btu/H) • Laundry Equipment • Performance Test Methods • Portable-Type Camping Equipment • Gas Technician Training Materials



**Life Sciences** includes Community Safety and Well-being • Health Care Technology • Mechanical Industrial Equipment • Occupational Health & Safety



**Quality/Business Management** includes Basic Engineering • Public Involvement • Quality Assurance • Quality Auditing • Quality Management • Reliability • Risk Management

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## What you'll find

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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 [www.csa.ca](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 [www.csa.ca](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 [www.csa.ca](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 [www.csa.ca](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](mailto:gic@ihscanada.ca); Web site <http://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**

### ▼ Notice of Intent

CSA intends to begin work on the projects listed in this section. These projects include the development of new standards and editions (including adoptions), and endorsements. If you have relevant expertise and would like to contribute time, comments, or are able to support the development financially, please contact the person listed for that item.

### ▼ Drafts for Public Review

Drafts of new standards, new editions, and amendments (including adoptions), and endorsements are available for public review before the technical committee approves the technical content. You have 60 days from the date of this issue of *Info Update* to comment on any item listed in this section. Please return your comments as quickly as possible, so that we can pass them on to the appropriate committee for review. To request copies or offer comments, contact the person noted for that draft. If you would like to comment on a standard that is being proposed for endorsement or adoption, you can obtain a copy from the originating organization for a fee.

After the expiry date for public comments, you can buy the public review drafts, up until the approval stage, for \$50 (plus shipping and handling). *Please note:* Drafts are works in progress and have no official status. They are not a substitute for the final, approved standards and amendments. Do not use them as an authoritative source.

### ▼ Proposed Reaffirmation of Standards

Standards listed in this section are being reviewed to determine if they remain technically valid and current. If you have any comments, send them to the contact person noted within 30 days of the date of this issue of *Info Update*. Your comments will be passed on to the appropriate committee for consideration.

### ▼ Proposed Withdrawal of Standards

These documents are being considered for withdrawal. If you have any questions or concerns about this, contact the person noted within 30 days of the date of this issue of *Info Update*.

### ▼ Status of Standards Projects

The project status report was formerly published quarterly in *Info Update*. Beginning with the February 2003 issue of *Info Update* this information will be available on our web site, independent of *Info Update*. To view or download visit <http://www.csa.ca/standards/default.asp?load=report&language=English>. This report lists projects that CSA committees are currently working on. Standards listed in this report are not yet available for sale.

## ***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.



### Communications/Information

[CAN/CSA-ISO/IEC 9579:04, 1st edition](#)

*Information Technology—Remote Database Access for SQL with Security Enhancement*  
(Adopted ISO/IEC 9579:2000)

[CAN/CSA-ISO/IEC 14496-2:04, 2nd edition](#)

*Information Technology—Coding of Audio-Visual Objects—Part 2: Visual*  
(Adopted ISO/IEC 14496-2:2001)

[CAN/CSA-ISO/IEC 14496-3:04, 2nd edition](#)

*Information Technology—Coding of Audio-Visual Objects—Part 3: Audio*  
(Adopted ISO/IEC 14496-3:2001)



### Construction Products and Materials

[A123.2-03, 2nd edition](#)

*Asphalt-Coated Roofing Sheets*

[A257 Series-03, 4th edition](#)

*Standards for Concrete Pipe and Manhole Sections*



### Electrical / Electronics

[C22.2 No. 96-03, 8th edition](#)

*Portable Power Cables*

[C22.2 No. 208-03, 2nd edition](#)

*Fire Alarm and Signal Cable*

[CAN/CSA-C61089:03, 1st edition \(bilingual\)](#)

*Round Wire Concentric Lay Overhead Electrical Stranded Conductors*  
(Adopted CEI/IEC 1089:1991, first edition, with Canadian deviations)



### Électricité et électronique

[C22.2 n° 130-03, 3<sup>e</sup> édition](#)

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

[C22.2 n° 248.1-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension—Partie 1 : Exigences générales* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-1 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/1-2000-ANCE)

## Électricité et électronique (suite)

### [C22.2 n° 248.2-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 2 : Fusibles de classe C* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-2 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/2-2000-ANCE)

### [C22.2 n° 248.3-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 3 : Fusibles de classes CA et CB* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-3 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/3-2000-ANCE)

### [C22.2 n° 248.4-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 4 : Fusibles de classe CC* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-4 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/4-2000-ANCE)

### [C22.2 n° 248.5-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 5 : Fusibles de classe G* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-5 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/5-2000-ANCE)

### [C22.2 n° 248.6-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 6 : Fusibles de classe H sans élément de remplacement* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-6 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/6-2000-ANCE)

### [C22.2 n° 248.7-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 7 : Fusibles de classe H à élément de remplacement* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-7 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/7-2000-ANCE)

### [C22.2 n° 248.8-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 8 : Fusibles de classe J* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-8 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/8-2000-ANCE)

### [C22.2 n° 248.9-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 9 : Fusibles de classe K* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-9 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/9-2000-ANCE)

### [C22.2 n° 248.10-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 10 : Fusibles de classe L* (norme tri-nationale comprenant la 2<sup>e</sup> édition de la norme UL 248-10 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/10-2000-ANCE)

### [C22.2 n° 248.11-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension–Partie 11 : Fusibles-bouchons* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-11 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/11-2000-ANCE)



## Électricité et électronique (suite)

### [C22.2 n° 248.12-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension—Partie 12 : Fusibles de classe R* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-12 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/12-2000-ANCE)

### [C22.2 n° 248.13-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension—Partie 13 : Fusibles semiconducteurs* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-13 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/13-2000-ANCE)

### [C22.2 n° 248.14-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension—Partie 14 : Fusibles d'appoint* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-14 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/14-2000-ANCE)

### [C22.2 n° 248.15-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension—Partie 15 : Fusibles de classe T* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-15 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/15-2000-ANCE)

### [C22.2 n° 248.16-00, 2<sup>e</sup> édition](#)

*Fusibles basse tension—Partie 16 : Fusibles limiteurs d'essai* (norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-16 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/16-2000-ANCE)

### [CAN/CSA-C61089:03, 1<sup>re</sup> édition \(bilingue\)](#)

*Conducteurs pour lignes aériennes à brins circulaires, câbles en couches concentriques* (norme CEI/IEC 1089:1991, première édition, adoptée avec exigences propres au Canada)

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## Energy

### [C360-03, 5th edition](#)

*Energy Performance, Water Consumption, and Capacity of Household Clothes Washers*

### [C657-04, 2nd edition](#)

*Energy Performance Standard for Refrigerated Display Cabinets (Merchandisers)*

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## Gas Equipment

### [ANSI Z21.50-2003/CSA 2.22-2003, 4th edition](#)

*Vented Gas Fireplaces*



## Life Sciences

[PLUS 614-04, 1st edition](#)

*What's new in CAN/CSA-Z614*

[CAN/CSA-Q830-03, 2nd edition](#)

*Model Code for the Protection of Personal Information*

[CAN/CSA-Z10535-03, 1st edition](#)

*Hoists for the Transfer of Disabled Persons—Requirements and Test Methods*  
(Adopted ISO 10535:1998, first edition, with Canadian deviations)

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## Sciences de la Vie

[CAN/CSA-Q830-03, 2<sup>e</sup> édition](#)

*Code type sur la protection des renseignements personnels*

[Z434-03, 2<sup>e</sup> édition](#)

*Robots industriels et systèmes robotiques : exigences générales de sécurité*

[CAN/CSA-Z9918-94, 1<sup>re</sup> édition](#)

*Capnomètres pour utilisation chez l'homme—Prescriptions* (norme ISO 9918:1993,  
première édition, adoptée sans modification)

[CAN/CSA-Z10535-03, 1<sup>re</sup> édition](#)

*Lève-personnes pour transférer des personnes handicapées—Exigences et méthodes d'essai* (norme  
ISO 10535:1998, première édition, adoptée avec exigences propres au Canada)



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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**Please note:** The following standards were developed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), and have been adopted by the Canadian Standards Association. These standards are available in Portable Document Format (PDF) only.

#### **CAN/CSA-ISO/IEC 9579:04, 1st edition**

*Information Technology—Remote Database Access for SQL with Security Enhancement*

(Adopted ISO/IEC 9579:2000) ..... \$195

#### **CAN/CSA-ISO/IEC 14496-2:04, 2nd edition**

*Information Technology—Coding of Audio-Visual Objects—Part 2: Visual*

(Adopted ISO/IEC 14496-2:2001) ..... \$340

#### **CAN/CSA-ISO/IEC 14496-3:04, 2nd edition**

*Information Technology—Coding of Audio-Visual Objects—Part 3: Audio*

(Adopted ISO/IEC 14496-3:2001) ..... \$390

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### Amendments

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#### **CAN/CSA-ISO/IEC 11801:04, TC1**

*Technical Corrigendum 1:2004 to CAN/CSA-ISO/IEC 11801:04, “Information Technology—Generic Cabling for Customer Premises”* (Adopted Technical Corrigendum 1:2002 to ISO/IEC 11801:2002). This technical corrigendum is available only with the purchase of the corresponding standard. It is not available as a separate document.

#### **CAN/CSA-ISO/IEC 11801:04, TC2**

*Technical Corrigendum 2:2004 to CAN/CSA-ISO/IEC 11801:04, “Information Technology—Generic Cabling for Customer Premises”* (Adopted Technical Corrigendum 2:2002 to ISO/IEC 11801:2002). This technical corrigendum is available only with the purchase of the corresponding standard. It is not available as a separate document.

#### **CAN/CSA-ISO/IEC 13818-6:98, TC1**

*Technical Corrigendum 1:2004 to CAN/CSA-ISO/IEC 13818-6:98, “Information Technology—Generic Coding of Moving Pictures and Associated Audio Information—Part 6: Extensions for DSM-CC”* (Adopted Technical Corrigendum 1:2002 to ISO/IEC 13818-6:98 and Amendment 1:2000). This technical corrigendum is available only with the purchase of the corresponding standard. It is not available as a separate document.



## Amendments (cont'd)

### **CAN/CSA-ISO/IEC 14496-2a:04**

*Amendment 1:2004, "Studio Profile," to CAN/CSA-ISO/IEC 14496-2:04, "Information Technology—Coding of Audio-Visual Objects—Part 2: Visual"*  
(Adopted Amendment 1:2002 to ISO/IEC 14496-2:2001). This document is available in portable document format (PDF) only ..... \$220

### **CAN/CSA-ISO/IEC 14496-2b:04**

*Amendment 2:2004, "Streaming Video Profile," to CAN/CSA-ISO/IEC 14496-2:04, "Information Technology—Coding of Audio-Visual Objects—Part 2: Visual"*  
(Adopted Amendment 2:2002 to ISO/IEC 14496-2:2001). This document is available in portable document format (PDF) only..... \$150

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## Reaffirmed Standards

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### **T530-99 (R2004)**

*Commercial Building Standard for Telecommunications Pathways and Spaces*

CSA has reaffirmed its endorsement of the following CCITT standards:

- **CCITT V.10 (R2004)**  
*Electrical Characteristics for Unbalanced Double-Current Interchange Circuits for General Use with Integrated Circuit Equipment in the Field of Data Communications*
- **CCITT V.11 (R2004)**  
*Electrical Characteristics for Balanced Double-Current Interchange Circuits for General Use with Integrated Circuit Equipment in the Field of Data Communications*
- **CCITT X.21 (R2004)**  
*CCITT Recommendation X.21, Recommendation Interface Between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Synchronous Operation on Public Data Networks*



The following is an addition to the Under Development section for Communications/Information.

### ***Under Development***

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#### **Proposed Withdrawal of Endorsed Standards**

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For more information about the proposed withdrawal of CSA's endorsement of the following standards, contact Tom Bartoffy at 416-747-2636 or [tom.bartoffy@csa.ca](mailto:tom.bartoffy@csa.ca):

- **ISO 7812:1987**  
*Identification Cards—Numbering System and Registration Procedures for Identification of Issuers*
- **ISO 8802-4:1990**  
*Information Processing Systems—Local Area Networks—Part 4: Token-Passing Bus Access Method and Physical Layer Specifications*
- **ISO 9067:1987**  
*Information Processing Systems—Data Communication—Automatic Fault Isolation Procedures Using Test Loops*
- **ISO TR7477-1985**  
*Data Communications—Arrangements for DTE to DTF Physical Connection Using V24 Interchange Circuits*



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### **A123.2-03, 2nd edition**

*Asphalt-Coated Roofing Sheets* ..... \$65

This standard deals with asphalt-coated roofing sheets composed of asphalt-saturated organic felt coated on one or both sides with asphalt. Depending on their intended use, these sheets can have a coarse or a fine mineral surfacing.

#### **A257 Series-03, 4th edition**

*Standards for Concrete Pipe and Manhole Sections* ..... \$100

The A257 series contains the following standards:

- **A257.0-03**, *Methods for Determining Physical Properties of Circular Concrete Pipe, Manhole Sections, Catch Basins, and Fittings*. This standard applies to circular precast concrete pipe, manhole (maintenance hole) sections, and accessories intended for use as sewer pipe for the conveyance of sewage, industrial wastes, and storm water, and for the construction of culverts.

This standard describes procedures for testing circular concrete pipe, manhole sections, and joints and includes the following tests:

- three-edge bearing test
- concrete compression tests
- absorption test
- hydrostatic test
- flat slab top test
- manhole step tests

- **A257.1-03**, *Non-reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe, and Fittings*. This standard applies to non-reinforced circular concrete pipe and accessories intended for use as sewer pipe for the conveyance of industrial wastes and storm water, and for the construction of culverts.

This standard establishes the following three strength classifications of non-reinforced concrete pipe and gives their physical and dimensional requirements:

- Class 1
- Class 2
- Class 3



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

### A257 Series-03 (cont'd)

- **A257.2-03**, *Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe, and Fittings*. This standard applies to reinforced circular concrete pipe and accessories intended for use as sewer pipe for the conveyance of sewage, industrial wastes, and storm water, and for the construction of culverts. This standard applies to pipe that is intended to be used for jacking longitudinally in tunnel operations.

This standard establishes the following four strength classifications of reinforced concrete pipe and gives their physical and dimensional requirements:

- 50 D
- 65 D
- 100 D
- 140 D

- **A257.3-03**, *Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections, and Fittings Using Rubber Gaskets*. This standard applies to circular precast concrete pipe, manhole (maintenance hole) sections, and accessories intended for use as sewer pipe for the conveyance of sewage, industrial wastes, and storm water, and for the construction of culverts. This standard specifies the design and performance requirements for flexible watertight joints for circular concrete sewer and culvert pipe, precast manhole sections, and fittings using rubber gaskets for sealing the joints where infiltration or exfiltration is a factor in the design.
- **A257.4-03**, *Precast Reinforced Circular Concrete Manhole Sections, Catch Basins, and Fittings*. This standard applies to precast reinforced circular concrete manhole (maintenance hole) sections, including base sections, riser sections, catch basins, and appurtenances such as grade rings, tops, and special sections for use in the conveyance of sewage, industrial wastes, and storm water, and for the construction of culverts. The requirements of this standard apply to precast concentric cone, eccentric cone, and flat slab type tops.

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## Amendments

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### **CAN/CSA-B70.1-03**

*Frames and Covers for Maintenance Holes and Catchbasins*

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

### **B127.1-99**

*Asbestos Cement Drain, Waste, and Vent Pipe and Pipe Fittings*

Revision of Clause 7.1(e).

### **CAN/CSA-S16-01**

*Limit States Design of Steel Structures*

Revision of Clauses 18.2.3 and 27.5.2.5, and Table 1.



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## Modifications publiées en français

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### **CAN/CSA-B70.1-03**

*Cadres et couvercles de regards de visite et de bassons collecteurs*

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

### **CAN/CSA-S16-01**

*Règles de calcul aux états limites des charpentes en acier*

Des modifications ont été apportées aux articles 18.2.3 et 27.5.2.5, ainsi qu'au tableau 1.

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## Reaffirmed Standards

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### **A283-00 (R2004)**

*Qualification Code for Concrete Testing Laboratories*

### **B242-M1980 (R2003)**

*Groove and Shoulder Type Mechanical Pipe Couplings*

### **O80S1-99 (R2003)**

*Supplement No. 1-99 to O80 Series-97, "Wood Preservation": O80.35-99, "Preservative Treatment of Shakes and Shingles with Chromated Copper Arsenate (CCA) by Pressure Processes"*

### **O116-1969 (R2003)**

*Power and Communication Sawn Wood Crossarms*

### **O121-M1978 (R2003)**

*Douglas Fir Plywood*

### **CAN/CSA-O122-M89 (R2003)**

*Structural Glued-Laminated Timber*

### **O153-M1980 (R2003)**

*Poplar Plywood*

### **CAN/CSA-O177-M89 (R2003)**

*Qualification Code for Manufacturers of Structural Glued-Laminated Timber*

### **CAN/CSA-O325.0-92 (R2003)**

*Construction Sheathing*

### **CAN/CSA-O325.1-88 (R2003)**

*Test Methods for Construction Sheathing*

### **O325.1-88 S1-92 (R2003)**

*Supplement No. 1-92 to CAN/CSA -O325.1-88, "Test Methods for Construction Sheathing"*





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## Withdrawn Standards

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**A82.3-M1978 (R1998)**

*Calcium Silicate (Sand-Lime) Building Brick*

**A82.4/A82.5/A82.6-M1978 (R1998)**

*Structural Clay Load-Bearing Wall Tile/Structural Clay Non-Load-Bearing Tile/Standard Methods for Sampling and Testing Structural Clay Tile*

**CAN/CSA-A405-M87 (R2000)**

*Design and Construction of Masonry Chimneys, and Fireplaces*

**A443-1989 (R1998)**

*Terms and Definitions for Use in CSA Masonry Standards*

**O124-1957 (R1999)**

*The Physical Properties of Power and Communication Wood Insulator Pins*

## ***Under Development***

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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 April 5, 2004.

#### ***Draft Standards***

To receive copies of the following draft standard, or to offer comments, contact Abraham Murra at 416-747-4186 or [abraham.murra@csa.ca](mailto:abraham.murra@csa.ca):

- **B45.11, 1st edition (a new standard in the B45 Series)**  
*Glass Lavatories*

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### **Proposed Reaffirmation of Standards**

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For more information about the proposed reaffirmation of the following standard, contact Mark Braiter at 416-747-2745 or [mark.braiter@csa.ca](mailto:mark.braiter@csa.ca):

- **S347-99**  
*Method of Test for Evaluation of Truss Plates Used in Lumber Joints*

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

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### **Informs Notices**

<b>Date</b>	<b>Subject</b>	<b>Title</b>
December 8, 2003	Publication of Update No. 1 to CAN/CSA-B137 Series-02, <i>Thermoplastic Pressure Piping Compendium</i> . This update announces the approval of the B137 series as a National Standard of Canada, and also covers an editorial correction.	Plumbing Products No. 145

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### **Certification Notices**

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

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
March 31, 2004	Publication of the seventh edition of CSA standard CAN/CSA-A14-00, <i>Concrete Poles</i> .	Concrete Products No. 14

## **Completed Projects / Projets terminés**

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

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#### **C22.2 No. 96-03, 8th edition**

*Portable Power Cables* ..... \$105

This standard specifies the construction and testing of 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. 208-03, 2nd edition**

*Fire Alarm and Signal Cable*..... \$65

This standard applies to single- and multiple-conductor fire alarm and signal cables - with a maximum nominal voltage rating of 300 V and a minimum temperature rating of 60 °C - for use in buildings and other structures, in dry or damp locations, in accordance with the Rules of Sections 16 and 32 of the *Canadian Electrical Code, Part I*.

#### **CAN/CSA-C61089:03, 1st edition (bilingual)**

*Round Wire Concentric Lay Overhead Electrical Stranded Conductors*

(Adopted CEI/IEC 1089:1991, first edition, with Canadian deviations) ..... \$115

This standard specifies the electrical and mechanical characteristics of round wire concentric lay overhead electrical stranded conductors made of combinations of any of the following metal wires:

- aluminum wires
  - hard-drawn aluminum in accordance with CAN/CSA-C60889, designated A1
  - aluminum alloy AA6101-T81 in accordance with CAN/CSA-C60104, designated A2
  - aluminum alloy AA6101-T83 in accordance with CAN/CSA-C60104, designated A4
- zinc-coated steel wires in accordance with CAN/CSA-C60888
  - regular strength steel, designated S1A or S1B, where A and B are zinc coating classes
  - high-strength steel, designated S2A or S2B
  - extra-high-strength steel, designated S3A

The conductor designations covered by this standard are:

- A1, A2, A4
- A1/S1A, A1/S1B, A1/S2A, A1/S2B, A1/S3
- A2/S1A, A2/S1B, A2/S3A
- A1/A2, A1/A4

These conductors are the most commonly used in Canada. Other combinations complying with this standard are permitted.

**Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français****C22.2 n° 130-03, 3<sup>e</sup> édition***Exigences relatives aux câbles chauffants par résistance et aux ensembles**d'appareils chauffants par résistance ..... 150 \$*

Cette norme prescrit les exigences relatives aux câbles chauffants, aux ensembles de câbles et aux ensembles de chauffage des surfaces destinés aux systèmes dont la tension ne dépasse pas 750 V et qui sont installés conformément au *Code canadien de l'électricité, Première partie*. Cette norme vise les appareils chauffants installés sur ou dans des tuyaux, des réservoirs, des récipients ou des appareils connexes métalliques ou non métalliques, et diverses applications de chauffage des surfaces. La norme prescrit aussi les exigences visant les appareils chauffants destinés aux emplacements dangereux. Les utilisations types comprennent les suivantes :

- a) la protection contre le gel des tuyaux, des réservoirs et des récipients, y compris les systèmes de protection contre l'incendie ;
- b) le maintien des températures requises du matériel de fabrication, y compris les tuyaux, les réservoirs et les récipients ;
- c) le stockage thermique enterré ;
- d) le maintien de la température de l'eau chaude ;
- e) le chauffage des surfaces ou sous les surfaces ;
- f) la fonte de la neige sur les surfaces ;
- g) le déglçage des toitures ou des gouttières.

**C22.2 n° 248.1-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 1 : Exigences générales*(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-1 etla 1<sup>re</sup> édition de la norme NMX-J-009/248/1-2000-ANCE)..... 165 \$

Cette norme s'applique aux fusibles basse tension d'au plus 1 000 V c.a. et/ou c.c. ayant un pouvoir de coupure nominal d'au plus 200 kA. Ces fusibles sont destinés à être utilisés conformément au *Code canadien de l'électricité, Première partie* (CCE) et au *National Electrical Code*, NFPA 70 (NEC).

Cette norme ainsi que ses parties subséquentes établissent les caractéristiques, les exigences de construction, les conditions de fonctionnement, les marquages et les modes opératoires des essais pour chacune des classes de fusibles, afin que l'étude initiale et les vérifications de suivi puissent être effectuées de manière ordonnée.

**C22.2 n° 248.2-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 2 : Fusibles de classe C*(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-2 etla 1<sup>re</sup> édition de la norme NMX-J-009/248/2-2000-ANCE)..... 165 \$

La présente partie s'applique aux fusibles de classe C de 1 200 A et moins et de 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

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

**C22.2 n° 248.3-00, 2<sup>e</sup> édition**

*Fusibles basse tension–Partie 3 : Fusibles de classes CA et CB*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-3 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/3-2000-ANCE) ..... 165 \$

La présente partie s’applique aux fusibles de classes CA et CB de 60 A et moins et de 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.4-00, 2<sup>e</sup> édition**

*Fusibles basse tension–Partie 4 : Fusibles de classe CC*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-4 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/4-2000-ANCE) ..... 165 \$

La présente partie s’applique aux fusibles de classe CC de 30 A et moins et de 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.5-00, 2<sup>e</sup> édition**

*Fusibles basse tension–Partie 5 : Fusibles de classe G*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-5 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/5-2000-ANCE) ..... 165 \$

La présente partie s’applique aux fusibles de classe G de 20 A et moins et de 600 V c.a., et aux fusibles de 21 à 60 A et de 480 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.6-00, 2<sup>e</sup> édition**

*Fusibles basse tension–Partie 6 : Fusibles de classe H sans élément de remplacement*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-6 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/6-2000-ANCE) ..... 165 \$

La présente partie s’applique aux fusibles de classe H sans élément de remplacement de 600 A et moins et de 250 ou 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.7-00, 2<sup>e</sup> édition**

*Fusibles basse tension–Partie 7 : Fusibles de classe H à élément de remplacement*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-7 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/7-2000-ANCE) ..... 165 \$

La présente partie s’applique aux fusibles de classe H à élément de remplacement de 600 A et moins et de 250 ou 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.8-00, 2<sup>e</sup> édition**

*Fusibles basse tension–Partie 8 : Fusibles de classe J*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-8 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/8-2000-ANCE) ..... 165 \$

La présente partie s’applique aux fusibles de classe J de 600 A et moins et de 250 ou 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)****C22.2 n° 248.9-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 9 : Fusibles de classe K*(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-9 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/9-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles de classe K de 600 A et moins et de 250 ou 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.10-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 10 : Fusibles de classe L*(norme tri-nationale comprenant la 2<sup>e</sup> édition de la norme UL 248-10 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/10-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles de classe L de 601 à 6 000 A et de 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.11-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 11 : Fusibles-bouchons*(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-11 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/11-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles-bouchons de 30 A et moins et de 125 V c.a. et moins (127 V au Mexique). Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.12-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 12 : Fusibles de classe R*(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-12 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/12-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles de classe R de 600 A et moins et de 250 ou 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.13-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 13 : Fusibles semiconducteurs*(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-13 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/13-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles semiconducteurs de 2 000 V c.a. et moins. Les caractéristiques nominales en courant continu sont facultatives.

**C22.2 n° 248.14-00, 2<sup>e</sup> édition***Fusibles basse tension–Partie 14 : Fusibles d'appoint*(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-14 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/14-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles d'appoint de 60 A et moins, destinés à assurer une protection supplémentaire contre les surintensités en dehors du contexte d'un circuit de dérivation ou d'une autre situation équivalente. Les caractéristiques nominales en courant continu sont facultatives.

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

### **C22.2 n° 248.15-00, 2<sup>e</sup> édition**

*Fusibles basse tension—Partie 15 : Fusibles de classe T*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-15 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/15-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles de classe T de 1 200 A et moins et de 300 V c.a., et aux fusibles de 800 A et moins et de 600 V c.a. Les caractéristiques nominales en courant continu sont facultatives.

### **C22.2 n° 248.16-00, 2<sup>e</sup> édition**

*Fusibles basse tension—Partie 16 : Fusibles limiteurs d'essai*

(norme trinationale comprenant la 2<sup>e</sup> édition de la norme UL 248-16 et la 1<sup>re</sup> édition de la norme NMX-J-009/248/16-2000-ANCE) ..... 165 \$

La présente partie s'applique aux fusibles limiteurs d'essai étalonnés selon des limites précises de courant coupé maximal et de valeur  $I^2t$  à 250, 300, 480 et 600 V c.a.

### **CAN/CSA-C61089:03, 1<sup>re</sup> édition (bilingue)**

*Conducteurs pour lignes aériennes à brins circulaires, câbles en couches concentriques*

(norme CEI/IEC 1089:1991, première édition, adoptée avec exigences propres au Canada) ..... 115 \$

Cette norme prescrit les caractéristiques électriques et mécaniques des conducteurs pour lignes aériennes à brins circulaires, câblés en couches concentriques et constitués d'une combinaison des différents fils métalliques suivantes :

- fils d'aluminium
  - aluminium écroui dur conformément à la CAN/CSA-C60889, désigné par A1
  - alliage d'aluminium AA6101-T81 conformément à la CAN/CSA-C60104, désigné par A2
  - alliage d'aluminium AA6101-T83 conformément à la CAN/CSA-C60104, désigné par A4
- fils en acier zingués conformément à la CAN/CSA-C60888
  - acier normal désigné par S1A ou S1B, pour lesquels A et B sont les classes de revêtement
  - acier à haute résistance désigné par S2A ou S2B
  - acier à très résistance désigné par S3A

Les désignations des conducteurs traités dans cette norme sont :

- A1, A2, A4
- A1/S1A, A1/S1B, A1/S2A, A1/S2B, A1/S3
- A2/S1A, A2/S1B, A2/S3A
- A1/A2, A1/A4



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## Amendments

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### **C22.2 No. 52-96 (R2000)**

*Underground Service-Entrance Cables*

Revision of Clause 4.5.

### **CAN/CSA-C22.2 No. 110-94**

*Construction and Test of Electric Storage-Tank Water Heaters*

Revision of the contents page, Clauses 3.2.2, 4.13.7, 4.23, 5, and 5.8, and Appendix A. Addition of Appendix B.

### **C22.2 No. 167-97 (R2002)**

*Household Dishwashers*

Revision of the title page, the copyright page, the contents page, the preface, the foreword (CSA), the foreword (UL), Clauses 3.2.1, 4.4.1, 24.7.2, 25.2.5, 25.2.6, 25.2.9, and 27.4.3, Figure 5, and Appendices A and B. Addition of Clauses 7.1.2.17, 7.3.1A, and 25.2A and Figure 7. Deletion of Clause 3.1.2.

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## Modifications publiées en français

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### **C22.2 n° 5-02**

*Disjoncteurs à boîtier moulé et enveloppe de disjoncteurs*

Des modifications ont été apportées aux articles 7.1.4.3.1, 7.1.7.3, 13.12 et Supplément SD.

### **CAN/CSA-C22.2 n° 110-94**

*Construction et essai des chauffe-eau électriques à accumulation*

Des modifications ont été apportées à la table des matières, aux articles 3.2.2, 4.13.7, 4.23, 5 et 5.8 et l'appendice A. L'appendice B ont été ajouté.

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## Reaffirmed Standards

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### **CAN3-C13-M83 (R2004)**

*Instrument Transformers*

### **C22.2 No. 0.1-M1985 (R2003)**

*General Requirements for Double-Insulated Equipment*

### **C22.2 No. 0.2-93 (R2004)**

*Requirements for Insulation Coordination*

### **C22.2 No. 124-M1986 (R2003)**

*Mineral-Insulated Cable*

### **C22.2 No. 173-M1983 (R2003)**

*Transformers for Toy and Hobby Use*



**Reaffirmed Standards (cont'd)****C22.2 No. 190-M1985 (R2004)**

*Capacitors for Power Factor Correction*

**CAN/CSA-C22.3 No. 6-M91 (R2003)**

*Principles and Practices of Electrical Coordination Between Pipelines and Electric Supply Lines*

**CAN/CSA-C49.1-M87 (R2003)**

*Round Wire, Concentric Lay, Overhead Electrical Conductors*

**CAN/CSA-E491-94 (R2003)**

*Safety Requirements for Electronic Flash Apparatus for Photographic Purposes  
(Adopted IEC 491:1984, second edition, with Canadian deviations)*

**CAN/CSA-E968-99 (R2003)**

*Self-Ballasted Lamps for General Lighting Services—Safety Requirements  
(Adopted IEC 968:1988, first edition, including Amendment 1:1991, with Canadian deviations)*

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**Endorsed Standards**

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**IEC 60455-3-1 (2003-04)**

*Resin Based Reactive Compounds Used for Electrical Insulation—Part 3: Specifications for Individual Materials—Sheet 1: Unfilled Epoxy Resinous Compounds*

**IEC 60455-3-2 (2003-04)**

*Resin Based Reactive Compounds Used for Electrical Insulation—Part 3: Specifications for Individual Materials—Sheet 2: Quartz Filled Epoxy Resinous Compounds*

**IEC 60455-3-3 (2003-04)**

*Resin Based Reactive Compounds Used for Electrical Insulation—Part 3: Specifications for Individual Materials—Sheet 3: Unfilled Polyurethane Compounds*

**IEC 60455-3-4 (2003-04)**

*Resin Based Reactive Compounds Used for Electrical Insulation—Part 3: Specifications for Individual Materials—Sheet 4: Filled Polyurethane Compounds*

**IEC 60544-4 (2003-07)**

*Electrical Insulating Materials—Determining the Effects of Ionizing Radiation—Part 4: Classification System for Service in Radiation Environments*

**IEC 60544-5 (2003-02)**

*Electrical Insulating Materials—Determining the Effects of Ionizing Radiation—Part 5: Procedures for Assessment of Ageing in Service*



## ***Under Development***

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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 April 5, 2004.

#### ***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](mailto:annie.pereira@csa.ca):

- **C22.2 No. 250.0, 2nd edition**  
*Luminaires*

#### ***Proposed Amendments***

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

- **C22.2 No. 127-99**  
*Equipment and Lead Wires*

Proposed revision of Clause 6.1.23.1 and Tables 1, 2, 3, 6, 7, 12, 13, 14, 28, 38, 39, 40, 43, and 45.

#### ***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](mailto:michael.henville@csa.ca):

- **IEC 60335-2-40, 4th edition** (To be published as CAN/CSA-C22.2 No. 60335-2-40)  
*Household and Similar Electrical Appliances—Safety—Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers*

## Certification and Testing (CSA International)

### Informs Notices

Date	Subject	Title
December 19, 2003	Publication of CAN/CSA-E60335-1/4E-03, <i>Household and Similar Electrical Appliances—Safety—Part 1: General Requirements</i> (Adopted CEI/IEC 60335-1:2001, with Canadian deviations).	Appliances No. 02
December 19, 2003	Publication of CSA standard C22.2 No. 208-03, <i>Fire Alarm and Signal Cable</i> .	Wire and Cable No. 104
December 31, 2003	Publication of second edition of CSA standard C22.2 No. 211.0-03, <i>General Requirements and Methods of Testing for Nonmetallic Conduit</i> . (Supersedes Informs <i>Conduit No. 2</i> and <i>Conduit No. 4</i> , and Certification Notices 459 and 459A).	Conduit No. 12
December 31, 2003	Publication of new edition of CAN/CSA-E60079-7:03, <i>Electrical Apparatus for Explosive Gas Atmospheres – Part 7: Increased Safety “e”</i> (Adopted CEI/IEC 60079-7:2001, without modification).	Hazardous Locations Products No. 13
December 31, 2003	Publication of amendments to CSA standard C22.2 No. 36-M1989, <i>Hairdressing Equipment</i> .	Heaters No. 3
December 31, 2003	Publication of CSA standard CAN/CSA-C22.2 No. 107.2-01, <i>Battery Chargers</i> .	Power Supplies No. 19
December 31, 2003	Publication of CAN/CSA-E60974-5:03, <i>Arc Welding Equipment—Part 5: Wire Feeders</i> (Adopted CEI/IEC 60974-5:2002, with Canadian deviations).	Welding Equipment No. 5

### Certification Notices

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

Effective Date	Subject	Title
▶ Immediately	Publication of new CSA standard CAN/CSA-C22.2 No 107.3-03, <i>Uninterruptible Power Systems</i> .	Power Supplies No. 20
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
▶ October 12, 2004	Publication of bi-national standard C22.2 No. 62.1-03, 1st edition/UL 5A, 3rd edition, <i>Nonmetallic Surface Raceways and Fittings</i> . (Supersedes Certification Notices <i>Wiring Devices No. 19</i> and <i>Wiring Products No. 1</i> .)	Raceways and Fittings No. 4
▶ December 1, 2004	Publication of Technical Information Letter No. B-69, covering medium screw-base and candelabra-screw base lamps incorporating light-emitting diodes or miniature extra-low-voltage incandescent lamps connected in series, as the light source.	Lighting Products No. 43
January 1, 2005	Publication of Technical Information Letter No. B-71, announcing new requirements for neon transformers and power supplies.	Lighting Products No. 42
January 1, 2005	Extension of effective date for the new marking requirements of Clause 17.2.2 of CSA standard C22.2 No. 250.0-00/UL 1598, <i>Luminaires</i> , to show catalog number, model number, series or other similar marking. (Supplemental to <i>Lighting Products Notice No. 35</i> .)	Lighting Products No. 35A
March 1, 2007	Publication of CAN/CSA-C22.2 No. 60065:03, <i>Audio, Video and Similar Electronic Apparatus—Safety Requirements</i> (Adopted CEI/IEC 60065:2001, with Canadian deviations).	Audio and Video Equipment No. 16
January 1, 2010	Changes to the withdrawal dates of standards C22.2 No. 1-98, UL 469, UL 813 and UL 1492.	Audio and Video Equipment No. 16



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### **C360-03, 5th edition**

*Energy Performance, Water Consumption, and Capacity of Household*

*Clothes Washers* ..... \$85

This standard applies to the following:

- horizontal-axis and vertical-axis compact and standard household automatic or semi-automatic clothes washers
- coin/card-operated residential-style clothes washers.

#### **C657-04, 2nd edition**

*Energy Performance Standard for Refrigerated Display Cabinets (Merchandisers)* ..... \$55

This standard applies to refrigerated display cabinets that are intended for displaying and merchandising food products, including canned and bottled beverages, ice intended for human consumption, and other perishable merchandise (for example, cut flowers).

This standard provides definitions, classifications, a method for determining specific daily energy consumption (SDEC) values, and minimum requirements for refrigerated display cabinets.

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### Amendments

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#### **CAN/CSA-C358-03**

*Energy Consumption Test Methods for Household Electric Ranges*

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

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### Modifications publiées en français

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#### **CAN/CSA-C358-03**

*Consommation d'énergie des cuisinières électrodomestiques : méthodes d'essai*

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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#### **C273.4-M1978 (R2003)**

*Performance Requirements for Electric Heating Line-Voltage Wall Thermostats*

#### **CAN/CSA-F280-M90 (R2004)**

*Determining the Required Capacity of Residential Space Heating and Cooling Appliances*



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## Formal Interpretations

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The following interpretation regarding Table 7.4 of CSA standard **CAN/CSA-Z662-99**, *Oil and Gas Pipeline Systems*, has been approved by the Technical Committee on Oil & Gas Pipeline Systems and Materials.

**Question:** Is Table 7.4 to be viewed as an essential variable for diameter qualification based on the requirement of Tension Tests on 114.3 mm diameter pipe?

**Answer:** No. Essential changes are given in Table 7.3.

## ***Under Development***

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### Notice of Intent

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For more information about the proposed development of the following new projects, contact Sudi Kalra at 416-747-2794 or [sudi.kalra@csa.ca](mailto:sudi.kalra@csa.ca):

- **Z245.11, 5th edition**  
*Steel Fittings*
- **Z245.12, 5th edition**  
*Steel Flanges*
- **Z245.15, 6th edition**  
*Steel Valves*
- **Z662, 5th edition**  
*Oil and Gas Pipeline Systems*



**This issue contains no updates  
in this subject area**



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### **ANSI Z21.50-2003/CSA 2.22-2003, 4th edition**

*Vented Gas Fireplaces* ..... \$760

This standard details test and examination criteria for vented gas fireplaces for use with natural and propane gases. The only function of a vented gas fireplace lies in the aesthetic effect of the flame; the appliance is not a source of heat.

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### Amendments

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#### **ANSI Z21.5.2b-2003/CSA 7.2b-2003**

*Addenda 2 to “Gas Clothes Dryers–Volume II–Type 2 Clothes Dryers”* ..... \$70

This document provides revisions to ANSI Z21.5.2-2001/CSA 7.2-2001 and ANSI Z21.5.2a-2003/CSA 7.2a-2003.

#### **ANSI Z21.13b-2003/CSA 4.9b-2003**

*Addenda 2 to “Gas-Fired Low Pressure Steam and Hot Water Boilers”* ..... \$140

This document provides revisions to ANSI Z21.13-2000/CSA 4.9-2000 and ANSI Z21.13a-2002/CSA 4.9a-2002.

#### **ANSI Z21.88a-2003/CSA 2.33a-2003**

*Addenda 1 to “Vented Gas Fireplace Heaters”* ..... \$105

This document provides revisions to ANSI Z21.88-2002/CSA 2.33-2002.

#### **ANSI Z83.8a-2003/CSA 2.6a-2003**

*Addenda 1 to “Gas Unit Heaters and Gas-Fired Duct Furnaces”* ..... \$75

This document provides revisions to ANSI Z83.8-2002/CSA 2.6-2002.

#### **ANSI Z83.18b-2003**

*Addenda 2 to “Recirculating Direct Gas-Fired Industrial Air Heaters”* ..... \$75

This document provides revisions to ANSI Z83.18-2000 and ANSI Z83.18a-2001.

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### Reaffirmed Standards

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#### **ANSI Z21.41-1998/CSA 6.9-M98 (R2003)**

*Quick Disconnect Devices for Use with Gas Fuel Appliances*





## ***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 Tony Joseph at 416-747-4035 or [tony.joseph@csa.ca](mailto:tony.joseph@csa.ca):

- **ANSI Z83.8/CSA 2.6, 3rd edition**  
*Gas Unit Heaters and Gas-Fired Duct Furnaces*

For more information about the proposed development of the following new project, contact Senka Krsikapa at 416-747-2508 or [senka.krsikapa@csa.ca](mailto:senka.krsikapa@csa.ca):

- **ANSI Z21.81/CSA 6.25, 2nd edition**  
*Cylinder Connection Devices*
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### **Drafts for Public Review**

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The Gas Equipment draft material sent for review consists only of pages being revised from the previous draft or edition; that is, the review material usually does not include a copy of the entire standard.

**Please note:** Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 5, 2004.

### ***Proposed Amendments***

To receive copies of the following proposed amendments, or to offer comments, contact Senka Krsikapa at 416-747-2508 or [senka.krsikapa@csa.ca](mailto:senka.krsikapa@csa.ca):

- **ANSI Z21.42, proposed addenda “a”**  
*Gas-Fired Illuminating Appliances*
- **ANSI Z21.58/CSA 1.6, proposed addenda “b”**  
*Outdoor Cooking Gas Appliances*
- **ANSI Z21.89/CSA 1.18, proposed addenda “a”**  
*Outdoor Cooking Specialty Gas Appliances*

To receive copies of the following proposed amendments, or to offer comments, contact Tony Joseph at 416-747-4035 or [tony.joseph@csa.ca](mailto:tony.joseph@csa.ca):

- **ANSI Z83.4/CSA 3.7, proposed addenda “b”**  
*Non-Recirculating Direct Gas-Fired Industrial Air Heaters*
- **ANSI Z83.18, proposed addenda “a”**  
*Recirculating Direct Gas-Fired Industrial Air Heaters*



## Certification and Testing (CSA International)

### Certification Notices

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

Effective Date	Subject	Title
June 1, 2004	Publication of addenda for ANSI Z21.20-2003/CSA 2.34-2003, <i>Gas-Fired Low-Intensity Infrared Heaters</i> .	Gas Products No. 2
July 1, 2004	Announcing the extension of effective dates for storage-type gas-fired water heater compliance with the FVIR test protocol referenced in section 2.35 of ANSI Z21.10.1a/CSA 4.1a-2000 and the LDO test protocol referenced in section 2.36 of ANSI Z21.10.1a/CSA 4.1a-2002. This notice supersedes our previous notice to manufacturers dated February 14, 2003.	Gas Products No. 7
August 1, 2004	Publication of addenda for ANSI Z21.60-2003/CSA 2.26-2002, <i>Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.60-1996/CGA 2.26-M96, ANSI Z21.60a-2000/CGA 2.26a-2000 and ANSI Z21.60b-2001/CGA 2.26b-2001.	Gas Products No. 1
September 1, 2004	Publication of new standard ASME B16.44-2002, <i>Manually Operated Metallic Gas Valves for Use in House Piping Systems</i> . This standard incorporates modifications to CSA Requirement 3.88.	Gas Products No. 6
September 1, 2004	Publication of addenda ANSI Z21.69a-2003/CSA 6.16a-2003, <i>Connectors for Movable Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.69-2002/CSA 6.16-2002.	Gas Products No. 5
November 1, 2004	Publication of addenda ANSI Z21.60a-2003/CSA 2.26a-2003, <i>Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.60-2003/CSA 2.26-2003.	Gas Products No. 4



## Completed Projects / Projets terminés

### New Standards – New Editions – Special Publications

#### **PLUS 614-04, 1st edition**

*What's new in CAN/CSA-Z614*..... \$35

This guide provides an overview of new developments in the 2003 edition of CAN/CSA-Z614. It outlines background issues and highlights key points of the CAN/CSA-Z614 standard and the differences between the 1990, 1998, and 2003 editions.

This guide offers a useful update to playground owners/operators, daycares, school staff, housing management staff, municipal employees, and all partners interested in designing, creating, and managing public playground spaces.

#### **CAN/CSA-Q830-03, 2nd edition**

*Model Code for the Protection of Personal Information* ..... \$35

This model code describes the minimum requirements for the protection of personal information. Any applicable legislation is to be considered in implementing these requirements.

This standard may be applies to all personal information. Provided the minimum requirements are met, organizations may tailor this standard to meet their specific circumstances. For example, policies and practices may vary, depending upon whether the personal information relates to members, employees, customers, or other individuals.

The objective of this standard is to assist organizations in developing and implementing policies and practices to be used when managing personal information.

#### **CAN/CSA-Z10535-03, 1st edition**

*Hoists for the Transfer of Disabled Persons—Requirements and Test Methods*  
(Adopted ISO 10535:1998, first edition, with Canadian deviations)..... \$125

This standard specifies requirements and test methods only for hoists and body support units intended for the transfer of disabled persons as classified in EN ISO 9999:1998:

- 12 36 03 Wheeled hoists with sling seats
- 12 36 06 Wheeled hoists with solid seats
- 12 36 09 Hoist trolleys
- 12 36 12 Stationary hoists fixed to the wall(s), floor and/or ceiling
- 12 36 15 Stationary hoists fixed to, mounted in or mounted on another product
- 12 36 18 Stationary free-standing hoists
- 12 36 21 Body-support units for hoists

This standard does not include methods for the determination of ageing or corrosion of such hoists and units.

The requirements of this standard are formulated with regard to the needs of both the disabled persons being hoisted and the attendant using the hoist.



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

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### **CAN/CSA-Q830-03, 2<sup>e</sup> édition**

*Code type sur la protection des renseignements personnels*..... 35 \$

Le présent code type décrit les exigences minimales concernant la protection des renseignements personnels. La mise en oeuvre de ces exigences est assujettie à toute loi pertinente.

Cette norme peut être appliquée à tout renseignement personnel. Dans la mesure où les exigences minimales sont respectées, l'organisme peut adapter la norme à sa situation particulière. Par exemple, les politiques et les pratiques peuvent varier suivant que les renseignements personnels se rapportent à des membres, à des employés, à des clients ou à d'autres personnes.

La norme a pour objet d'aider les organismes à élaborer et à appliquer les politiques et les pratiques nécessaires à leur gestion des renseignements personnels.

### **Z434-03, 2<sup>e</sup> édition**

*Robots industriels et systèmes robotiques : exigences générales de sécurité*..... 120 \$

Cette norme de sécurité vise la fabrication, la reprise, la remise à neuf, l'installation, la protection, l'entretien, la réparation, la mise à l'essai et la mise en route, et énonce les exigences en matière de formation du personnel pour les robots industriels et les systèmes robotiques.

Le but de cette norme est de définir les exigences relatives à la fabrication, à la reprise et à la remise à neuf des robots industriels, à l'intégration et à l'installation des systèmes robotiques, aux méthodes de protection visant à améliorer la sécurité du personnel associé à l'utilisation des robots et des systèmes robotiques.

### **CAN/CSA-Z9918-94, 1<sup>re</sup> édition**

*Capnomètres pour utilisation chez l'homme—Prescriptions*  
(norme ISO 9918:1993, première édition, adoptée sans modification)..... 70 \$

Cette norme précise les exigences de sécurité relatives aux capnomètres utilisés chez les adultes, les enfants, les nouveau-nés.

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

**CAN/CSA-Z10535-03, 1<sup>re</sup> édition**

*Lève-personnes pour transférer des personnes handicapées—Exigences et méthodes d'essai*  
 (norme ISO 10535:1998, première édition, adoptée avec exigences  
 propres au Canada) ..... 125 \$

Cette norme spécifie les exigences et les méthodes d'essai concernant uniquement les lève-personnes et les éléments de soutien destinés au transfert de personnes handicapées, conformément à la classification de l'EN ISO 9999:1998:

- 12 36 03 Lève-personnes sur roues avec sièges à sangles
- 12 36 06 Lève-personnes sur roues avec sièges solides
- 12 36 09 Chariots élévateurs
- 12 36 12 Lève-personnes fixés au mur, entre des murs, au sol et/ou au plafond
- 12 36 15 Lève-personnes fixés à, montés dans ou sur un autre produit
- 12 36 18 Lève-personnes fixes simplement posés
- 12 36 21 Éléments de soutien pour lève-personnes

La présente norme ne décrit pas les méthodes relatives à la détermination du vieillissement ou de la corrosion des lève-personnes et des éléments cités.

Les exigences de la présente norme sont formulées en tenant compte des besoins éprouvés à la fois par les personnes handicapées transportées sur le lève-personne, et par l'accompagnateur utilisant celui-ci.

**Amendments**

**B44-00**

*Safety Code for Elevators*

Revision of the CSA preface.

**CAN/CSA-B339-02**

*Cylinders, Spheres, and Tubes for the Transportation of Dangerous Goods*

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

**CAN/CSA-B659-01**

*Design for Aging*

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



## Amendments (cont'd)

### **CAN/CSA-C22.2 No. 601.1-M90**

*Medical Electrical Equipment—Part 1: General Requirements for Safety*  
(Adopted IEC 601-1:1988, with Canadian deviations)

Revision of Reference Publications, and Clauses 1.1 and 56.3(a) of the Canadian deviations.  
The following items have been deleted from the Canadian deviations:

- Sub-clauses 2.4.3, and 2.12.4
- Clause 6, and Sub-clauses 6.5 and 6.7
- Sub-clauses 10.1, 10.2.2(a), 19.3, 19.4, 20.2, and 21.3
- Clause 37, and Sub-clause 37.5
- Clauses 43 and 45, and Sub-clause 45.2
- Sub-clauses 52.4.1, 52.4.2, and 52.5.8
- Clause 54
- Sub-clauses 57.9, 57.9.4(f), 57.10(a), and 58.2
- Clause 60
- Figures – General
- Figures 18, 19, and 20
- Legends of Symbols for Figures 10 to 27
- Appendix A1
  - Sub-clauses A1.1, and A1.6.3
- Appendix A2
  - Clause 1, and Sub-clauses 2.7.6, 6.1(f), 6.1(z), 16(c), and 19.4
  - Clauses 26 and 45, and Sub-clause 45.2
  - Clause 48
  - Sub-clauses 55.1 and 59.2(b)
- Figure 50 and Table DII.

### **CAN/CSA-D250-03**

*School Buses*

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

### **CAN/CSA-ISO 14971a:01**

*Amendment 1:2003, “Rationale for Requirements,” to CAN/CSA-ISO 14971:01,  
“Medical Devices—Application of Risk Management to Medical Devices”*

(Adopted Amendment 1:2003 to ISO 14971:2000, without modification) ..... \$15

This document provides revisions to CAN/CSA-ISO 14971:01.

### **CAN/CSA-Z62.1-03**

*Chain Saws*

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

### **CAN/CSA-Z94.3-02**

*Eye and Face Protectors*

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

## Amendments (cont'd)

### **CAN/CSA-Z107.58-02**

*Noise Emission Declarations for Machinery*

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

### **CAN/CSA-Z259.2.1-98**

*Fall Arresters, Vertical Lifelines, and Rails*

Revision of Clauses 7.1(g) and 7.2(g).

### **CAN/CSA-Z259.2.2-98**

*Self-Retracting Devices for Personal Fall-Arrest Systems*

Revision of Clause 7.1.2(a).

### **CAN/CSA-Z305.8-03**

*Medical Supply Units*

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

### **CAN/CSA-Z317.11-02**

*Area Measurement for Health Care Facilities*

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

### **CAN/CSA-Z604-03**

*Transportable Mobility Aids*

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

### **CAN/CSA-Z605-03**

*Mobility Aid Securement and Occupant Restraint (MASOR) Systems for Motor Vehicles*

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

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## Modifications publiées en français

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### **B44-00**

*Code de sécurité sur les ascenseurs et monte-charge*

Des modifications ont été apportées à la préface CSA.

### **CAN/CSA-B339-02**

*Bouteilles et tubes utilisés pour le transport des marchandises dangereuses*

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

### **CAN/CSA-B659-01**

*Conception adaptée aux besoins des personnes âgées*

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



## Modifications publiées en français (suite)

### **CAN/CSA-C22.2 n° 601.1-M90**

*Appareils électromédicaux—Première partie : Règles générales de sécurité*  
(norme ISO 601-1:1988 adoptée, avec exigences propres au Canada))

Des modifications ont été apportées aux ouvrages de référence et aux exigences propres au Canada des articles 1.1 et 56.3 a).

Les items suivant ont été abrogés des exigences propres au Canada :

- articles 2.4.3 et 2.12.4
- chapitre 6, articles 6.5 et 6.7
- articles 10.1, 10.2.2 a), 19.3, 19.4, 20.2 et 21.3
- chapitre 37, article 37.5
- chapitre 43, 45, article 45.2
- articles 52.4.1, 52.4.2 et 52.5.8
- chapitre 54
- articles 57.9, 57.9.4 f), 57.10 a) et 58.2
- chapitre 60
- figures – généralités
- figures 18, 19 et 20
- légendes des symboles pour les figures 10 à 27
- appendice A1
  - articles A1.1 et A1.6.3
- appendice A2
  - chapitre 1 et articles 2.7.6, 6.1 f), 6.1 z), 16 c) et 19.4
  - chapitre 26 et 45, article 45.2
  - chapitre 48
  - articles 55.1 et 59.2 b)
- figure 50 et tableau DII.

### **CAN/CSA-D250-03**

*Autobus scolaires*

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

### **CAN/CSA-ISO 14971a:01**

*L'amendement 1:2003, «Justification des exigences», à CAN/CSA-ISO 14971:01, «Dispositifs médicaux—Application de la gestion des risques aux dispositifs médicaux»* (norme amendement 1:2003 à la norme ISO 14971:2000 adoptée sans modifications)..... 15 \$

Ce document contient des modifications à la norme CAN/CSA-ISO 14971:01.

### **CAN/CSA-Z62.1-03**

*Scies à chaîne*

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



## **Modifications publiées en français (suite)**

### **Z94.2-02**

*Protecteurs auditifs : performances, sélection, entretien et utilisation*

Des modifications ont été apportées aux articles 7.1 et 7.2.

### **CAN/CSA-Z94.3-02**

*Protecteurs oculaires et faciaux*

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

### **CAN/CSA-Z107.58-02**

*Déclaration des valeurs d'émission sonore des machines*

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

### **CAN/CSA-Z259.2.1-98**

*Dispositifs antichutes, cordes d'assurance verticales et guides*

Des modifications ont été apportées aux articles 7.1 g) et 7.2 g).

### **CAN/CSA-Z259.2.2-98**

*Dispositifs à cordon autorétractable pour dispositifs antichutes*

Des modifications ont été apportées à l'article 7.1.2 a).

### **CAN/CSA-Z305.8-03**

*Modules d'alimentation pour gaz médicaux*

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

### **CAN/CSA-Z317.11-02**

*Mesurage des aires dans les établissements de santé*

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

### **CAN/CSA-Z604-03**

*Moyens de déplacement transportables*

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

### **CAN/CSA-Z605-03**

*Système d'arrimage de moyen de déplacement et de retenue de l'occupant (système MASOR) pour les véhicules automobiles*

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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### **CAN/CSA-D113.2-M89 (R2004)**

*Cycling Helmets*

### **CAN/CSA-Z76.1-99 (R2003)**

*Recloseable Child-Resistant Packages*

## ***Under Development***

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### Notice of Intent

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For more information about the proposed development of the following new projects, contact Dave Shanahan at 416-747-2586 or [dave.shanahan@csa.ca](mailto:dave.shanahan@csa.ca):

- **Z94.1.1, 1st edition**  
*Guideline for the Selection, Care, and Use of Industrial Protective Headwear*
- **Z96, 2nd edition**  
*High-Visibility Safety Apparel*
- **Z275.3, 3rd edition**  
*Occupational Safety Code for Construction Work in Compressed Air*

For more information about the proposed development of the following new projects, contact Jeet Tulshi at 416-747-2603 or [totaram.tulshi@csa.ca](mailto:totaram.tulshi@csa.ca):

- **B52 Handbook**  
*Mechanical Refrigeration Code Handbook*  
This handbook will contain explanatory and historical information for the code.
- **B355, 5th edition**  
*Lifts for Persons with Physical Disabilities*

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## Drafts For Public Review

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**Please note:** Public comments about the draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 5, 2004.

### *Draft Standards*

To receive copies of the following draft standard, or to offer comments, contact Jeet Tulshi at 416-747-2603 or totaram.tulshi@csa.ca:

- **B44, 10th edition**  
*Safety Code for Elevators*

To receive copies of the following draft standard, or to offer comments, contact George Schidowka at 416-747-2743 or george.schidowka@csa.ca:

- **Z318, 1st edition**  
*Commissioning of Health Care Facilities*

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

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### Informs Notices

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Date	Subject	Title
December 5, 2003	Certification of protective headgear used in horse sports and horseback riding. Certification will be based on evaluation to ASTM F-1163.	Sports and Recreational Equipment No. 7

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### Certification Notices

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

Effective Date	Subject	Title
January 1, 2005	Publication of the second edition of CAN/CSA-C22.2 No. 60601 Part 2 series standards. These Part 2 standards contain particular requirements that amend and supplement CAN/CSA-C22.2 No. 60601-1-1:02, <i>Medical Electrical Equipment Part 1: General Standard</i> (Adopted CEI/IEC 60601-1-1:2000, without modification).	Health Care Equipment No. 14



**This issue contains no updates  
in this subject area**



## Contact Information

To order CSA Standards and Information Products  
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### **Vancouver – Sales**

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CANADA

Tel: (604) 244-6652  
1-800-463-6727  
Fax: (604) 244-6508

### **Membership**

Telephone: 416-747-4044  
1-800-463-6727  
Fax: 416-747-2510  
email: [members@csa.ca](mailto:members@csa.ca)

### **Mississauga – Sales**

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