



**CANADIAN STANDARDS  
ASSOCIATION**

**INFO UPDATE**

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**December 17, 2004**

## 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.



### Informatique et télécommunications

[CAN/CSA-ISO/CEI 7498-1-95 \(C2004\), 1<sup>re</sup> édition](#)

*Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Modèle de référence de base: Le modèle de base* (norme ISO/CEI 7498-1:1994, deuxième édition, adoptée)

[CAN/CSA-ISO/CEI 8613-4-95 \(C2000\), 1<sup>re</sup> édition](#)

*Technologies de l'information—Architecture de document ouverte (ODA) et format de transfert : Profil de documents* (norme ISO/CEI 8613-4:1994, deuxième édition, adoptée)

[CAN/CSA-ISO/CEI 8613-6-96 \(C2000\), 1<sup>re</sup> édition](#)

*Technologies de l'information—Architecture de document ouverte (ODA) et format de transfert : Architecture de contenu de type caractères* (norme ISO/CEI 8613-6:1994, deuxième édition, adoptée)

[CAN/CSA-ISO/CEI 8613-7-95 \(C2004\), 1<sup>re</sup> édition](#)

*Technologies de l'information—Architecture de document ouverte (ODA) et format de transfert : Architecture de contenu graphique en points* (norme ISO/CEI 8613-7:1994, deuxième édition, adoptée)

[CAN/CSA-ISO/CEI 8613-8-95 \(C2004\), 1<sup>re</sup> édition](#)

*Technologies de l'information—Architecture de document ouverte (ODA) et format de transfert : Architecture de contenu graphique géométrique* (norme ISO/CEI 8613-8:1994, deuxième édition, adoptée)

[CAN/CSA-ISO/CEI 10165-8:02, 1<sup>re</sup> édition](#)

*Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Structure des informations de gestion : Objets gérés pour la prise en charge des couches supérieures* (norme ISO/CEI 10165-8:2000, première édition, adoptée)

[CAN/CSA-ISO/CEI 10165-9:02, 1<sup>re</sup> édition](#)

*Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Structure des informations de gestion : Objets gérés de la couche application pour la gestion-systèmes* (norme ISO/CEI 10165-9:2000, première édition, adoptée)

[CAN/CSA-ISO/CEI 10536-1:02, 1<sup>re</sup> édition](#)

*Cartes d'identification—Cartes à circuit(s) intégré(s) sans contact—Cartes à couplage rapproché* (norme ISO/CEI 10536-1:2000, deuxième édition, adoptée)

[CAN/CSA-ISO/CEI 10731-96 \(C2000\), 1<sup>re</sup> édition](#)

*Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Modèle de référence de base—Conventions pour la définition des services OSI* (norme ISO/CEI 10731:1994, première édition, adoptée)

[CAN/CSA-ISO/CEI 10745-96 \(C2000\), 1<sup>re</sup> édition](#)

*Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Modèle de sécurité pour les couches supérieures* (norme ISO/CEI 10731:1994, première édition, adoptée)

## **Informatique et télécommunications (suite)**

### [CAN/CSA-Z243.180-89 \(C2004\), 1<sup>re</sup> édition](#)

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–Transfert, accès et gestion de fichiers–Partie 1 : Introduction générale*(norme ISO/CEI 8571-1:1988, première édition, adoptée)

### [CAN/CSA-Z243.181-89 \(C2004\), 1<sup>re</sup> édition](#)

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–Transfert, accès et gestion de fichiers–Partie 2 : Définition du service de fichiers*  
(norme ISO/CEI 8571-2:1988, première édition, adoptée)

### [CAN/CSA-Z243.182-89 \(C2004\), 1<sup>re</sup> édition](#)

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–Transfert, accès et gestion de fichiers–Partie 3 : Définition du système de fichiers virtuel*  
(norme ISO/CEI 8571-3:1988, première édition, adoptée)

### [CAN/CSA-Z243.183-89 \(C2004\), 1<sup>re</sup> édition](#)

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–Transfert, accès et gestion de fichiers–Partie 4 : Spécification du protocole de fichiers*  
(norme ISO/CEI 8571-4:1988, première édition, adoptée)

### [CAN/CSA-Z243.184-92 \(C2001\), 1<sup>re</sup> édition](#)

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–Transfert, accès et gestion de fichiers–Partie 5 : Formulaire de déclaration de conformité d'une mise en œuvre du protocole* (norme ISO/CEI 8571-5:1990, première édition, adoptée)



## **Construction Products and Materials**

### [A123.16-04, 2nd edition](#)

*Asphalt-Coated Glass-Base Sheets*

### [O151-04, 3rd edition](#)

*Canadian Softwood Plywood*



## **Produits et matériaux de construction**

### [A371-04, 4<sup>e</sup> édition](#)

*Maçonnerie des bâtiments*

### [B196.3-M1983 \(C2001\), 2<sup>e</sup> édition](#)

*Conduits et raccords pour câble de télécommunication souterrain en PVC*

### [G40.20-04 / G40.21-04, 6<sup>e</sup> édition](#)

*Exigences générales relatives à l'acier de construction laminé ou soudé /  
Acier de construction*





## Electrical / Electronics

[C22.2 No. 255-04, 1st edition](#)

*Neon Transformers and Power Supplies*

[CAN/CSA-C61000-2-2:04, 2nd edition \(bilingual\)](#)

*Electromagnetic Compatibility (EMC)–Part 2-2: Environment–Compatibility Levels for Low-Frequency Conducted Disturbances and Signalling in Public Low-Voltage Power Supply Systems (Adopted CEI/IEC 61000-2-2:2002, second edition, with Canadian deviations)*



## Électricité et électronique

[CAN/CSA-C61000-2-2:04, 2<sup>e</sup> édition \(bilingue\)](#)

*Compatibilité électromagnétique (CEM)–Partie 2-2 : Environnement–Niveaux de compatibilité pour les perturbations conduites à basse fréquence et la transmission des signaux sur les réseaux publics d'alimentation basse tension (norme CEI/IEC 61000-2-2:2002, deuxième édition, adoptée avec exigences propres au Canada)*



## Energy

[C373-04, 4th edition](#)

*Energy Consumption Test Methods and Limits for Household Dishwashers*



## Énergie

[B139-04, 7<sup>e</sup> édition](#)

*Code d'installation des appareils de combustion au mazout*



## Gas

[ANSI Z21.10.3-2004/CSA 4.3-2004, 3rd edition](#)

*Gas Water Heaters–Volume III, Storage Water Heaters with Input Ratings above 75,000 Btu per Hour, Circulating and Instantaneous*



## Sciences de la Vie

[M682-04, 1<sup>re</sup> édition](#)

*Dispositifs de chargement frontal agricoles : exigences de sécurité*

[Z314.14-04, 2<sup>e</sup> édition](#)

*Sélection et utilisation des contenants de stérilisation rigides*

[Z902-04, 1<sup>re</sup> édition](#)

*Sang et produits sanguins labiles*

[CAN/CSA-Z5360-94, 3<sup>e</sup> édition](#)

*Évaporateurs d'anesthésie–Systèmes de remplissage spécifiques à l'agent (norme ISO 5360:1993, première édition, adoptée avec exigences propres au Canada)*



## Completed Projects / Projets terminés

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

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**CAN/CSA-ISO/CEI 7498-1-95 (C2004), 1<sup>re</sup> édition**

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–  
Modèle de référence de base: Le modèle de base (norme ISO/CEI 7498-1:1994,  
deuxième édition, adoptée)..... 115 \$*

**CAN/CSA-ISO/CEI 8613-4-95 (C2000), 1<sup>re</sup> édition**

*Technologies de l'information–Architecture de document ouverte (ODA) et  
format de transfert : Profil de documents (norme ISO/CEI 8613-4:1994,  
deuxième édition, adoptée)..... 90 \$*

**CAN/CSA-ISO/CEI 8613-6-96 (C2000), 1<sup>re</sup> édition**

*Technologies de l'information–Architecture de document ouverte (ODA) et  
format de transfert : Architecture de contenu de type caractères (norme ISO/CEI  
8613-6:1994, deuxième édition, adoptée) ..... 125 \$*

**CAN/CSA-ISO/CEI 8613-7-95 (C2004), 1<sup>re</sup> édition**

*Technologies de l'information–Architecture de document ouverte (ODA) et  
format de transfert : Architecture de contenu graphique en points (norme ISO/CEI  
8613-7:1994, deuxième édition, adoptée) ..... 110 \$*

**CAN/CSA-ISO/CEI 8613-8-95 (C2004), 1<sup>re</sup> édition**

*Technologies de l'information–Architecture de document ouverte (ODA) et  
format de transfert : Architecture de contenu graphique géométrique (norme ISO/CEI  
8613-8:1994, deuxième édition, adoptée) ..... 105 \$*

**CAN/CSA-ISO/CEI 10165-8:02, 1<sup>re</sup> édition**

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–  
Structure des informations de gestion : Objets gérés pour la prise en charge des  
couches supérieures (norme ISO/CEI 10165-8:2000, première édition, adoptée) ..... 120 \$*

**CAN/CSA-ISO/CEI 10165-9:02, 1<sup>re</sup> édition**

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–  
Structure des informations de gestion : Objets gérés de la couche application pour  
la gestion-systèmes (norme ISO/CEI 10165-9:2000, première édition, adoptée) ..... 65 \$*

**CAN/CSA-ISO/CEI 10536-1:02, 1<sup>re</sup> édition**

*Cartes d'identification–Cartes à circuit(s) intégré(s) sans contact–Cartes à couplage  
rapproché (norme ISO/CEI 10536-1:2000, deuxième édition, adoptée) ..... 45 \$*

**CAN/CSA-ISO/CEI 10731-96 (C2000), 1<sup>re</sup> édition**

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–  
Modèle de référence de base–Conventions pour la définition des services OSI  
(norme ISO/CEI 10731:1994, première édition, adoptée) ..... 75 \$*



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

### **CAN/CSA-ISO/CEI 10745-96 (C2000), 1<sup>re</sup> édition**

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–  
Modèle de sécurité pour les couches supérieures (norme ISO/CEI 10731:1994,  
première édition, adoptée)..... 70 \$*

### **CAN/CSA-Z243.180-89 (C2004), 1<sup>re</sup> édition**

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–  
Transfert, accès et gestion de fichiers–Partie 1 : Introduction générale  
(norme ISO/CEI 8571-1:1988, première édition, adoptée)..... 80 \$*

### **CAN/CSA-Z243.181-89 (C2004), 1<sup>re</sup> édition**

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–  
Transfert, accès et gestion de fichiers–Partie 2 : Définition du service de fichiers  
(norme ISO/CEI 8571-2:1988, première édition, adoptée)..... 110 \$*

### **CAN/CSA-Z243.182-89 (C2004), 1<sup>re</sup> édition**

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–  
Transfert, accès et gestion de fichiers–Partie 3 : Définition du système de fichiers  
virtuel (norme ISO/CEI 8571-3:1988, première édition, adoptée)..... 125 \$*

### **CAN/CSA-Z243.183-89 (C2004), 1<sup>re</sup> édition**

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–  
Transfert, accès et gestion de fichiers–Partie 4 : Spécification du protocole de fichiers  
(norme ISO/CEI 8571-4:1988, première édition, adoptée)..... 145 \$*

### **CAN/CSA-Z243.184-92 (C2001), 1<sup>re</sup> édition**

*Systèmes de traitement de l'information–Interconnexion de systèmes ouverts–  
Transfert, accès et gestion de fichiers–Partie 5 : Formulaire de déclaration de  
conformité d'une mise en œuvre du protocole (norme ISO/CEI 8571-5:1990,  
première édition, adoptée)..... 105 \$*

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## Reaffirmed Standards

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### **CAN/CSA-Z243.4-87 (R2004)**

*7-Bit and 8-Bit Coded Character Sets for Information Processing and Interchange*

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## Withdrawn Standards

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### **T525-94 (R1999)**

*Residential Wiring for Telecommunications*

### **T527-94 (R1999)**

*Grounding and Bonding for Telecommunications in Commercial Buildings*



## ***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 Tom Bartoff at 416-747-2636 or tom.bartoff@csa.ca:

- **T758, 1st edition**  
*Customer-Owned Outside Plant Telecommunications Cabling Standard*
  - **T854, 1st edition**  
*A Full Duplex Ethernet Specification Operating Over Category 6 Twisted Pair Cabling*
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### **Proposed Withdrawal of Standards**

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For more information about the proposed withdrawal of CSA's endorsement of the following ANSI standards, contact Tom Bartoff at 416-747-2636 or tom.bartoff@csa.ca:

- **ANSI T1.110-1992**  
*Signalling System No. 7 (SS7)–General Information*
- **ANSI T1.111-1996**  
*Signalling System No. 7 (SS7)–Message Transfer Part (MTP)*
- **ANSI T1.111A-1994**  
*Numbering Signalling Point Codes*
- **ANSI T1.112-1996**  
*Signalling System No. 7 (SS7)–Signalling Connection Control Part (SCCP)*
- **ANSI T1.113-1995**  
*Signalling System No. 7 (SS7)–Integrated Services Digital Network (ISDN) User Part*
- **ANSI T1.114-1996**  
*Signalling System No. 7 (SS7)–Transaction Capabilities Application Part (TCAP)*
- **ANSI T1.116-1990**  
*Signalling System No. 7 Operations, Maintenance and Administrative Part*
- **ANSI T1.118-1992**  
*Intermediate Signalling Network Identification (ISNI)*
- **ANSI T1.209-1989**  
*Operations, Administration, Maintenance and Provisioning–Network Tones and Announcements*
- **ANSI T1.216-1991**  
*ISDN Management–Basic Rate Physical Layer*
- **ANSI T1.217-1991**  
*ISDN Management–Primary Rate Physical Layer*



## Proposed Withdrawal of Standards (cont'd)

- **ANSI T1.218-1991**  
*ISDN Management–Data Link and Network Layer*
- **ANSI T1.219-1991**  
*ISDN Management–Overview and Principles*
- **ANSI T1.226-1992**  
*OAM&P–Management of Functions for Signalling System No. 7 Network Interconnections*
- **ANSI T1.234-1993**  
*Signalling System No. 7–MTP Levels 2 and 3 Compatibility Testing*
- **ANSI T1.235-1993**  
*Signalling System No. 7–SCCP Class 0 Compatibility Testing*
- **ANSI T1.236-1993**  
*Signalling System No. 7–ISDN User Part Compatibility Testing*
- **ANSI T1.239-1994**  
*ISDN Management–User Network Interface Protocol Profile*
- **ANSI T1.241-1994**  
*ISDN Service Profile Verification and Service Profile Management ISDN Interface Management Services*
- **ANSI T1.403-1995**  
*Network to Customer Installation–DS1 Metallic Interface*
- **ANSI T1.404-1994**  
*Telecommunications–Network to Customer Installation–DS3 Metallic Interface Specification*
- **ANSI T1.601-1992**  
*Integrated Services Digital Network (ISDN)–Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer 1 Specification)*
- **ANSI T1.603-1990**  
*Telecommunications–Minimal Set of Bearer Services for the ISDN Primary Rate Interface*
- **ANSI T1.604-1990**  
*Telecommunications–Minimal Set of Bearer Services for the ISDN Basic Rate Interface*
- **ANSI T1.605-1991**  
*Integrated Services Digital Network (ISDN)–Basic Access Interface for S and T Reference Points (Layer 1 Specification)*
- **ANSI T1.606-1990**  
*Integrated Services Digital Network (ISDN)–Architectural Framework and Service Description for Frame-Relaying Bearer Service*
- **ANSI T1.606A-1992**  
*Telecommunications–Integrated Services Digital Network (ISDN)–Architectural Framework and Service Description for Frame-Relaying Bearer Service (Supplement Congestion Management and Frame Size)*



## Proposed Withdrawal of Standards (cont'd)

- **ANSI T1.607-1990**  
*Integrated Services Digital Network (ISDN)–Layer 3 Signalling Specification for Circuit-Switched Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1)*
- **ANSI T1.608-1991**  
*Integrated Services Digital Network (ISDN)–Signalling Specifications for X.25 Packet Switched Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1)*
- **ANSI T1.608A-1992**  
*Supplement to Digital Subscriber Signalling System No. 1  
(DSS1–Signalling Specification for X.25 Packet Switched Bearer Service)*
- **ANSI T1.609-1990**  
*Telecommunications–Interworking Between the ISDN User–Network Interwork Interface Protocol and the Signalling System No. 7 ISDN User Part*
- **ANSI T1.610-1994**  
*Telecommunications–Generic Procedures for the Control of ISDN Supplementary Services*
- **ANSI T1.611-1991**  
*Telecommunications–Signalling System No. 7 (SS7–Supplementary Services for non-ISDN Subscribers)*
- **ANSI T1.612-1992**  
*Integrated Services Digital Network (ISDN)–Terminal Adaptation Using Statistical Multiplexing*
- **ANSI T1.613-1991**  
*Digital Subscriber Signalling System No. 1 (DSS1), ISDN Call Waiting*
- **ANSI T1.614-1991**  
*Packet Mode Bearer Service Category Description*
- **ANSI T1.615-1992**  
*Digital Subscriber Signalling System No. 1 (DSS1)–Layer 3 Overview*
- **ANSI T1.616-1992**  
*Integrated Services Digital Network (ISDN)–Call Hold Supplementary Service*
- **ANSI T1.617-1991**  
*Integrated Services Digital Network (ISDN)–Signalling Specification for Frame Relay Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1)*
- **ANSI T1.617A-1994**  
*Telecommunications–Integrated Services Digital Network (ISDN)–Signalling Specification for Frame Relay Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1)(Protocol Encapsulation and PICS)(Supplement to ANSI T1.617-1991)*
- **ANSI T1.618-1991**  
*Integrated Services Digital Network (ISDN)–Core Aspects of Frame Protocol for Use with Frame Relay Bearer Service*



## Proposed Withdrawal of Standards (cont'd)

- **ANSI T1.619-1992**  
*Telecommunications–Integrated Services Digital Network(ISDN) Multi-Level Precedence and Preemption (MLPP) Service Compatibility (Includes Supplement ANSI T1.619a-1994)*
- **ANSI T1.619A-1994**  
*Telecommunications–Integrated Services Digital Network(ISDN)–Multi-Level Precedence and Preemption (MLPP) Service Capability (MLPP Service Domain and Cause Value Changes) (Supplement to ANSI T1.619-1992)*
- **ANSI T1.620-1991**  
*Telecommunications–Integrated Services Digital Network (ISDN)–Circuit-Mode Bearer Service Category Description*
- **ANSI T1.620A-1992**  
*Telecommunications–Integrated Services Digital Network (ISDN)–Circuit-Mode Bearer Service Category Description (Supplement to ANSI T1.620-1991)*
- **ANSI T1.621-1992**  
*Telecommunications–Integrated Services Digital Network (ISDN)–User-to-User Signalling Supplementary Service*
- **ANSI T1.622-1992**  
*Telecommunications–Message Waiting Indicator Control and Notification Supplementary Services and Associated Switching and Signalling Specifications*
- **ANSI T1.623-1993**  
*Telecommunications–Digital Subscriber Signalling System Number 1 (DSS1)–Signalling Specification for the User Signalling Bearer Service*
- **ANSI T1.625-1993**  
*Telecommunications–Integrated Services Digital Network (ISDN)–Calling Line Identification–Presentation and Restriction Supplementary Service*
- **ANSI T1.626-1995**  
*Telecommunications–Switch-Computer Applications Interface (SCAI)*
- **ANSI T1.631-1993**  
*Telecommunications–Signalling System No. 7(SS7)High Probability of Completion (HPC) Network Capability*
- **ANSI T1.632-1993**  
*Telecommunications–ISDN Supplementary Service Normal Call Transfer*
- **ANSI T1.634-1993**  
*Telecommunications–Frame Relay Service Specific Convergence Sublayer (FR-SSCS)*
- **ANSI T1.639-1995**  
*Telecommunications–Calling Name Identification Restriction*
- **ANSI T1.641-1995**  
*Telecommunications–Calling Name Identification Presentation*



## Proposed Withdrawal of Standards (cont'd)

- **ANSI T1.642-1995**  
*Telecommunications–Integrated Services Digital Network (ISDN)–  
Call Deflection Supplementary Service*
- **ANSI T1.643-1995**  
*Telecommunications–Integrated Services Digital Network (ISDN)–Explicit  
Call Transfer Supplementary Service*

For more information about the proposed withdrawal of the following ISO/IEC standards, contact Tom Bartoff at 416-747-2636 or tom.bartoff@csa.ca:

- **CAN/CSA-ISO/IEC 10025-1-97 (R2001)**  
*Information Technology–Telecommunications and Information Exchange Between Systems–  
Transport Conformance Testing for Connection-Mode Transport Protocol–Part 1: Test Suite  
Structure and Test Purposes for ISO/IEC 8073:1988*
- **CAN/CSA-ISO/IEC 10025-2-01**  
*Information Technology–Telecommunications and Information Exchange Between Systems–  
Transport Conformance Testing for Connection-Mode Transport Protocol–Part 2: Abstract  
Test Suites and PIXIT for ISO/IEC 8073:1988 Classes 0, 2 Over CONS and 4 Over CLNS*
- **CAN/CSA-ISO/IEC ISP 12063-1-00**  
*Information Technology–International Standardized Profiles AMH3N–  
Message Handling Systems –EDI Messaging–Part 1: EDIMG MHS Service Support*
- **CAN/CSA-ISO/IEC ISP 12063-2-00**  
*Information Technology–International Standardized Profiles AMH3N–  
Message Handling Systems –EDI Messaging–Part 2: AMH31 - EDIMG Content*
- **CAN/CSA-ISO/IEC ISP 12063-3-00**  
*Information Technology–International Standardized Profiles AMH3N–  
Message Handling Systems –EDI Messaging–Part 3: AMH32–EDIMG  
Requirements for Message Transfer (P1)*
- **CAN/CSA-ISO/IEC ISP 12063-4-00**  
*Information Technology–International Standardized Profiles AMH3N–  
Message Handling Systems –EDI Messaging–Part 4: AMH33 and AMH35–  
EDIMG Requirements for MTS Access (P3) and MTS 94 Access (P3)*
- **CAN/CSA-ISO/IEC ISP 12063-5-00**  
*Information Technology–International Standardized Profiles AMH3N–  
Message Handling Systems –EDI Messaging–Part 5: AMH34–EDIMG  
Requirements for Enhanced MS Access (P7)*
- **CAN/CSA-ISO/IEC 14608:01**  
*Information Technology– Open Systems Interconnection–The Directory: Directory Access  
Protocol–Protocol Implementation Conformance Statement (PICS) Proforma*





## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### **A123.16-04, 2nd edition**

*Asphalt-Coated Glass-Base Sheets*..... \$65

This standard covers three types of asphalt-coated glass-base sheets (asphalt-impregnated and asphalt-coated glass-roll roofing) surfaced with insoluble inorganic mineral matter:

- **Type I:** a lightweight base sheet intended primarily for use as an underlayment for shingles
- **Type II:** a standard-weight roofing base sheet intended for use as the first ply in a roofing membrane over insulation
- **Type III:** a venting base sheet surfaced with fine mineral matter on top and mineral granules on the bottom. This type is used in built-up roofing systems as a first ply to relieve pressure through lateral vapour movement.

#### **O151-04, 3rd edition**

*Canadian Softwood Plywood*..... \$40

This standard applies to exterior bond, all-veneer plywood that has a minimum of three plies and in which the grain of the face and back plies is the same.

This standard specifies requirements for the following:

- assessment and attestation of conformity
- minimum quality of veneers
- classification of veneer species
- adhesives and glue bond quality
- panel construction
- panel type and grade
- tolerances for dimensions
- marking.

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

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#### **A371-04, 4<sup>e</sup> édition**

*Maçonnerie des bâtiments* ..... 60 \$

Cette norme prescrit les exigences minimales visant les matériaux utilisés dans la maçonnerie et la mise en œuvre de la maçonnerie.



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

### **B196.3-M1983 (C2001), 2<sup>e</sup> édition**

*Conduits et raccords pour câble de télécommunication souterrain en PVC* ..... 40 \$

Cette norme traite des conduits et des raccords en PVC servant de canalisation aux câbles de télécommunication. Ces conduits peuvent être encastrés dans le béton ou posés directement en pleine terre, selon le type utilisé.

### **G40.20-04 / G40.21-04, 6<sup>e</sup> édition**

*Exigences générales relatives à l'acier de construction laminé ou soudé /*

*Acier de construction* ..... 125 \$

- **G40.20-04** énonce des exigences générales qui s'appliquent, sauf indication contraire dans une commande ou une norme particulière, aux tôles fortes, aux profilés, aux tôles, aux palplanches, aux profilés en C formés à froid, aux profilés de charpente creux, aux profilés en Z et aux barres en acier de construction conformes à la CSA G40.21.
- **G40.21-04** traite des tôles fortes, des profilés, des profilés creux, des tôles, des palplanches, des profilés en C formés à froid, des profilés en Z et des barres en acier de construction destinés à la construction générale et à certains ouvrages d'ingénierie.

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## Amendments

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### **CAN/CSA-B64 Series-01**

*Backflow Preventers and Vacuum Breakers*

Revision of the following:

- **CAN/CSA-B64 Series-01:** Contents page
- **CAN/CSA-B64.0-01:** Clauses 2, 4.8.1, 5.6, 5.6.1, 6.10, 6.10.2.2, 6.10.3, 6.10.5, 6.11, and 7.1.2.

### **CAN/CSA-B64.10S1-04 / B64.10.1S1-04**

*Supplement No. 1 to CAN/CSA-B64.10-01 / CAN/CSA-B64.10.1-01, "Manual for the Selection and Installation of Backflow Prevention Devices" / "Manual for the*

*Maintenance and Field Testing of Backflow Prevention Devices" ..... \$35*

- **CAN/CSA-B64.10-01:** Revision of the Contents and Clauses 2.2–2.4, 4.1.3, 4.2, 4.3.1.3, 4.3.2, 4.3.3, 4.4, 5.1.2, 5.1.5, 5.4.1, 5.6.5, and C1, Tables 1 and 2, and Figures C1 and C2. Addition of Clauses 3.3.13, 4.6, and 4.7, Figures 19 and 20, and Appendix E. Deletion of Clauses C2 and C3 and Figure C3.
- **CAN/CSA-B64.10.1-01:** Revision of the Contents and Clauses 3.1.1.1, A1.1–A1.4, A3.1, A3.2, A3.5, A5.1, and A5.3, Table 1, and Figures 1(c), A1–A4, and A11–13. Addition of Clauses 7.5, A1.6, A3.7, A5.6, and A6, and Figures A5.1–A5.5, A14.1–A14.4, and A23–A29.

### **W59-03**

*Welded Steel Construction (Metal Arc Welding)*

Revision of Clauses 8.2.1.1 and 10.5.3.1, Tables 11.1 and 12.1, Figures 10.1 and 10.7, and Clause R3.6.1.




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## Modifications publiées en français

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### CAN/CSA-Série B64-01

*Casse-vidé et dispositifs antirefoulement*

Des modifications ont été apportées :

- à la table des matières de la CAN/CSA-Série B64-01
- aux articles 2, 4.8.1, 5.6, 5.6.1, 6.10, 6.10.2.2, 6.10.3, 6.10.5, 6.11, et 7.1.2 de la CAN/CSA-B64.1-01.

### CAN/CSA-B64.10S1-04 / B64.10.1S1-04

Supplément n° 1 à la CAN/CSA-B64.10-01 / CAN/CSA-B64.10.1-01, *Guide*

*de sélection et d'installation des dispositifs antirefoulement / Guide d'entretien*

*et de mise à l'essai à pied d'œuvre des dispositifs antirefoulement* ..... 35 \$

- **CAN/CSA-B64.10-01:** Modification de la table des matières, des articles 2.2 à 2.4, 4.1.3, 4.2, 4.3.1.3, 4.3.2, 4.3.3, 4.4, 5.1.2, 5.1.5, 5.4.1, 5.6.5, et C1, ainsi que des tableaux 1 et 2, et des figures C1 et C2. Les articles 3.3.13, 4.6, et 4.7, ainsi que les figures 19 et 20, et l'appendice E ont été ajoutés. Les articles C2 et C3 et la figure C3 ont été abrogés.
- **CAN/CSA-B64.10.1-01:** Modification de la table des matières, des articles 3.1.1.1, A1.1 à A1.4, A3.1, A3.2, A3.5, A5.1, et A5.3, ainsi que du tableau 1 et des figures 1(c), A1 à A4, et A11 à 13. Les articles 7.5, A1.6, A3.7, A5.6, et A6, ainsi que les figures A5.1 à A5.5, A14.1 à A14.4, et A23 à A29 ont été ajoutés.

## 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 Ted Koza at 416-747-2692 or ted.koza@csa.ca:

- **W117.2, 5th edition**  
*Safety in Welding, Cutting and Allied Processes*

For more information about the proposed development of the following new projects, contact Dwayne Torrey at 416-747-2746 or dwayne.torrey@csa.ca:

- **O325.0, 3rd edition**  
*Construction Sheathing*
- **O325.1, 2nd edition**  
*Test Methods for Construction Sheathing*



## Notice of Intent (cont'd)

For more information about the proposed development of the following new projects, contact Lawrence Fogwill at [lawrence.fogwill@csa.ca](mailto:lawrence.fogwill@csa.ca):

- **ISO 19900, 1st edition**  
*Petroleum and Natural Gas Industries—General Requirements for Offshore Structures*
- **ISO 19901-1, 1st edition**  
*Petroleum and Natural Gas Industries—Specific Requirements for Offshore Structures—Part 1: Metocean Design and Operating Considerations*
- **ISO 19901-2, 1st edition**  
*Petroleum and Natural Gas Industries—Specific Requirements for Offshore Structures—Part 2: Seismic Design Procedures and Criteria*
- **ISO 19901-4, 1st edition**  
*Petroleum and Natural Gas Industries—Specific Requirements for Offshore Structures—Part 4: Geotechnical and Foundation Design Considerations*
- **ISO 19901-5, 1st edition**  
*Petroleum and Natural Gas Industries—Specific Requirements for Offshore Structures—Part 5: Weight Control During Engineering and Construction*

For more information about the proposed development of the following new project, contact Vanessa Mitchell at 416-747-2470 or [vanessa.mitchell@csa.ca](mailto:vanessa.mitchell@csa.ca):

- **AAMA/WDMA/CSA/101/IS2/A440S1**  
*Supplement No. 1 to AAMA/WDMA/CSA 101/I.S.2/A440,  
"Standard/Specification for Windows, Doors and Unit Skylights"*

For more information about the proposed development of the following new projects, contact Abraham Murra at 416-747-4186 or [abraham.murra@csa.ca](mailto:abraham.murra@csa.ca):

- **B137.5.1, 1st edition (a new standard in the B137 Series)**  
*Plastic Insert Fittings to be Used with PEX*
- **B182.x, 1st edition (a new standard in the B1800 Series)**  
*Profile Polyethylene Large-Diameter Sewer Pipe and Fittings for Leak-Proof Applications*

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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 February 16, 2005.

### ***Draft Standards***

To receive copies of the following draft standard, or to offer comments, contact Vanessa Mitchell at 416-747-2470 or [vanessa.mitchell@csa.ca](mailto:vanessa.mitchell@csa.ca):

- **A440.4, 2nd edition**  
*Window and Door Installation*



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

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### **Informs Notices**

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<b>Date</b>	<b>Subject</b>	<b>Title</b>
October 29, 2004	Publication of Technical Information Letter No. MSE-44, covering technical requirements not covered in CSA standard B125-01.	Plumbing Products No. 153
October 29, 2004	Publication of Technical Information Letter No. MSE-45, covering technical and installation requirements for packaged solar domestic hot water systems and packaged solar domestic hot water systems for seasonal use.	Plumbing Products No. 154

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### **Certification Notices**

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

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
January 30, 2005 & July 30, 2005	Publication of CSA standard CAN/CSA-B602-99, <i>Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe.</i>	Plumbing Products No. 146

## Completed Projects / Projets terminés

### New Standards – New Editions – Special Publications

#### C22.2 No. 255-04, 1st edition

*Neon Transformers and Power Supplies* ..... \$85

This standard applies to transformers and power supplies, including those intended to be connected to a Class 2 source of supply, that provide the voltage and ballasting for neon and cold cathode tubing (electric-discharge tubing) and that are intended to be used in accordance with the *Canadian Electrical Code, Part I*.

#### CAN/CSA-C61000-2-2:04, 2nd edition (bilingual)

*Electromagnetic Compatibility (EMC)–Part 2-2: Environment–Compatibility Levels for Low-Frequency Conducted Disturbances and Signalling in Public Low-Voltage Power Supply Systems* (Adopted CEI/IEC 61000-2-2:2002, second edition, with Canadian deviations)..... \$110

This standard is concerned with conducted disturbances in the frequency range from 0 kHz to 9 kHz, with an extension up to 148.5 kHz specifically for mains signalling systems. It gives compatibility levels for public low-voltage a.c. distribution systems having a nominal voltage up to 420 V (single-phase) or 690 V (three-phase) and a nominal frequency of 50 Hz or 60 Hz.

The compatibility levels specified in this standard apply at the point of common coupling. At the power input terminals of equipment receiving its supply from the above systems, the severity levels of the disturbances can, for the most part, be taken to be the same as the levels at the point of common coupling. In some situations this is not so, particularly in the case of a long line dedicated to the supply of a particular installation, or in the case of a disturbance generated or amplified within the installation of which the equipment forms a part.

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

#### CAN/CSA-C61000-2-2:04, 2e édition (bilingue)

*Compatibilité électromagnétique (CEM)–Partie 2-2 : Environnement–Niveaux de compatibilité pour les perturbations conduites à basse fréquence et la transmission des signaux sur les réseaux publics d'alimentation basse tension* (norme CEI/IEC 61000-2-2:2002, deuxième édition, adoptée avec exigences propres au Canada) ..... 110 \$

Cette norme est relative aux perturbations conduites dans le domaine de fréquences de 0 kHz à 9 kHz, avec une extension jusqu'à 148,5 kHz pour les systèmes de transmission de signaux sur le réseau. Elle fournit les valeurs numériques des niveaux de compatibilité pour les réseaux de distribution publics alternatifs basse tension, avec une tension nominale maximale de 420 V en monophasé, ou 690 V en triphasé, et une fréquence nominale de 50 Hz ou 60 Hz.



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

### **CAN/CSA-C61000-2-2:04 (suite)**

Les niveaux de compatibilité spécifiés dans cette norme s'appliquent au point de couplage commun. Aux bornes d'un matériel alimenté par les réseaux décrits ci-dessus, la sévérité des perturbations peut, dans la plupart des cas, être considérée comme égale à celle au point de couplage commun. Il en va différemment dans certaines situations, notamment dans le cas d'une longue ligne dédiée à l'alimentation d'une installation définie, ou dans le cas d'une perturbation générée ou amplifiée dans l'installation dont l'équipement fait partie.

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## **Amendments**

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### **CAN/CSA-C22.2 No. 107.3-03**

*Uninterruptible Power Systems*

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

### **CAN/CSA-C22.2 No. 126.1-02**

*Metal Cable Tray Systems*

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

### **CAN/CSA-C22.2 No. 248.1-00**

*Low-Voltage Fuses—Part 1: General Requirements*

(Tri-national standard, with UL 248-1 and NMX-J-009/248/1-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.2-00**

*Low-Voltage Fuses—Part 2: Class C Fuses*

(Tri-national standard, with UL 248-2 and NMX-J-009/248/2-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.3-00**

*Low-Voltage Fuses—Part 3: Class CA and CB Fuses*

(Tri-national standard, with UL 248-3 and NMX-J-009/248/3-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.4-00**

*Low-Voltage Fuses—Part 4: Class CC Fuses*

(Tri-national standard, with UL 248-4 and NMX-J-009/248/4-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.5-00**

*Low-Voltage Fuses—Part 5: Class G Fuses*

(Tri-national standard, with UL 248-5 and NMX-J-009/248/5-2000-ANCE)

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



## Amendments (cont'd)

### **CAN/CSA-C22.2 No. 248.6-00**

*Low-Voltage Fuses—Part 6: Class H Non-Renewable Fuses*

(Tri-national standard, with UL 248-6 and NMX-J-009/248/6-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.7-00**

*Low-Voltage Fuses—Part 7: Class H Renewable Fuses*

(Tri-national standard, with UL 248-7 and NMX-J-009/248/7-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.8-00**

*Low-Voltage Fuses—Part 8: Class J Fuses*

(Tri-national standard, with UL 248-8 and NMX-J-009/248/8-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.9-00**

*Low-Voltage Fuses—Part 9: Class K Fuses*

(Tri-national standard, with UL 248-9 and NMX-J-009/248/9-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.10-00**

*Low-Voltage Fuses—Part 10: Class L Fuses*

(Tri-national standard, with UL 248-10 and NMX-J-009/248/10-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.11-00**

*Low-Voltage Fuses—Part 11: Plug Fuses*

(Tri-national standard, with UL 248-11 and NMX-J-009/248/11-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.12-00**

*Low-Voltage Fuses—Part 12: Class R Fuses*

(Tri-national standard, with UL 248-12 and NMX-J-009/248/12-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.13-00**

*Low-Voltage Fuses—Part 13: Semiconductor Fuses*

(Tri-national standard, with UL 248-13 and NMX-J-009/248/13-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.14-00**

*Low-Voltage Fuses—Part 14: Supplemental Fuses*

(Tri-national standard, with UL 248-14 and NMX-J-009/248/14-2000-ANCE)

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





## Amendments (cont'd)

### **CAN/CSA-C22.2 No. 248.15-00**

*Low-Voltage Fuses—Part 15: Class T Fuses*

(Tri-national standard, with UL 248-15 and NMX-J-009/248/15-2000-ANCE)

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

### **CAN/CSA-C22.2 No. 248.16-00**

*Low-Voltage Fuses—Part 16: Test Limiters*

(Tri-national standard, with UL 248-16 and NMX-J-009/248/16-2000-ANCE)

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-C22.2 n° 107.3-03**

*Alimentations sans coupure*

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

### **CAN/CSA-C22.2 n° 126.1-02**

*Systèmes de chemins de câbles métalliques*

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

### **CAN/CSA-C22.2 n° 248.1-00**

*Fusibles basse tension—Partie 1: Exigences générales*

(norme trinationale avec UL 248-1 et NMX-J-009/248/1-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.2-00**

*Fusibles basse tension—Partie 2: Fusibles de classe C*

(norme trinationale avec UL 248-2 et NMX-J-009/248/2-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.3-00**

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

(norme trinationale avec UL 248-3 et NMX-J-009/248/3-2000-ANCE)

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° 248.4-00**

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

(norme trinationale avec UL 248-4 et NMX-J-009/248/4-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.5-00**

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

(norme trinationale avec UL 248-5 et NMX-J-009/248/5-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.6-00**

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

(norme trinationale avec UL 248-6 et NMX-J-009/248/6-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.7-00**

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

(norme trinationale avec UL 248-7 et NMX-J-009/248/7-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.8-00**

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

(norme trinationale avec UL 248-8 et NMX-J-009/248/8-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.9-00**

*Fusibles basse tension—Partie 9: Fusibles de classe K*

(norme trinationale avec UL 248-9 et NMX-J-009/248/9-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.10-00**

*Fusibles basse tension—Partie 10: Fusibles de classe L*

(norme trinationale avec UL 248-10 et NMX-J-009/248/10-2000-ANCE)

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° 248.11-00**

*Fusibles basse tension—Partie 11: Fusibles-bouchons*

(norme trinationale avec UL 248-11 et NMX-J-009/248/11-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.12-00**

*Fusibles basse tension—Partie 12: Fusibles de classe R*

(norme trinationale avec UL 248-12 et NMX-J-009/248/12-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.13-00**

*Fusibles basse tension—Partie 13: Fusibles semiconducteurs*

(norme trinationale avec UL 248-13 et NMX-J-009/248/13-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.14-00**

*Fusibles basse tension—Partie 14: Fusibles d'appoint*

(norme trinationale avec UL 248-14 et NMX-J-009/248/14-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.15-00**

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

(norme trinationale avec UL 248-15 et NMX-J-009/248/15-2000-ANCE)

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

### **CAN/CSA-C22.2 n° 248.16-00**

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

(norme trinationale avec UL 248-16 et NMX-J-009/248/16-2000-ANCE)

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. 25-1966 (R2004)**

*Enclosures for Use in Class II Groups E, F, and G Hazardous Locations*

**C22.2 No. 29-M1989 (R2004)**

*Panelboards and Enclosed Panelboards*

**C22.2 No. 33-M1984 (R2004)**

*Construction and Test of Electric Cranes and Hoists*

**C22.2 No. 36-M1989 (R2004)**

*Hairdressing Equipment*

**C22.2 No. 40-M1989 (R2004)**

*Cutout, Junction and Pull Boxes*

**C22.2 No. 53-1968 (R2004)**

*Electric Washing Machines*

**CAN/CSA-C22.2 No. 61-M89 (R2004)**

*Household Cooking Ranges*

**C22.2 No. 84-95 (R2004)**

*Incandescent Lamps*

**C22.2 No. 109-M1981 (R2004)**

*Commercial Cooking Appliances*

**CAN/CSA-C22.2 No. 110-94 (R2004)**

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

**C22.2 No. 122-M1989 (R2004)**

*Hand-Held Electrically-Heated Tools*

**C22.2 No. 128-95 (R2004)**

*Vending Machines*

**C22.2 No. 142-M1987 (R2004)**

*Process Control Equipment*

**CAN/CSA-C22.2 No. 150-M89 (R2004)**

*Microwave Ovens*

**C22.2 No. 195-M1987 (R2004)**

*Motor Operated Food Processing Appliances (Household and Commercial)*

**CAN/CSA-C233.1-87 (R2004)**

*Gapless Metal Oxide Surge Arresters for Alternating Current Systems*

**CAN/CSA-C1264-99 (R2004)**

*Ceramic Pressurized Hollow Insulators for High-Voltage Switchgear and Controlgear*  
(Adopted CEI/IEC 1264:1994)



## ***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 Brian Haydon at 416-747-4006 or [brian.haydon@csa.ca](mailto:brian.haydon@csa.ca):

- **C22.2 No. 75, 9th edition**  
*Thermoplastic-Insulated Wires and Cables*
  - **C22.2 No. 227.1, 4th edition**  
*Electrical Nonmetallic Tubing*
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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 February 16, 2005.

### ***Proposed Amendments***

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

- **CAN/CSA-C22.2 No. 96-03**  
*Portable Power Cables*  
Revision of various clauses.
- **CAN/CSA-C22.2 No.112-97**  
*Electrical Clothes Dryers*  
Revision of various clauses.
- **C22.2 No. 117-1970 (R2002)**  
*Room Air Conditioners*  
Revision of Clauses 2, 4 and 6.

### ***Proposed Adoptions***

For more information about the proposed adoption of the following IEC standards, contact Michael Wilson at 416-747-2532 or [michael.wilson@csa.ca](mailto:michael.wilson@csa.ca):

- **IEC 60601-1-2-am1:2004**  
*Medical Electrical Equipment—Part 1-2: General Requirements for Safety—Collateral Standard: Electromagnetic Compatibility—Requirements and Tests—Amendment 1*
- **IEC 60601-1-6:2004, 1st edition**  
*Medical Electrical Equipment—Part 1-6: General Requirements for Safety—Collateral Standard: Usability*



## Drafts for Public Review (cont'd)

### *Proposed Adoptions (cont'd)*

- **IEC 60601-1-8:2003, 1st edition**  
*Medical Electrical Equipment–Part 1-8: General Requirements for Safety–Collateral Standard: General Requirements, Tests and Guidance for Alarm Systems in Medical Electrical Equipment and Medical Electrical Systems*
- **IEC 60601-2-11-am1:2004**  
*Medical Electrical Equipment–Part 2-11: Particular Requirements for the Safety of Gamma Beam Therapy Equipment–Amendment 1*
- **IEC 60601-2-37-am1:2004**  
*Medical Electrical Equipment–Part 2-37: Particular Requirements for the Safety of Ultrasonic Medical Diagnostic and Monitoring Equipment*
- **IEC 60745-1:2003, 3rd edition**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 1: General Requirements*
- **IEC 60745-2-3, 2nd edition**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 2: Particular Requirements for Grinders, Polishers and Disk-Type Sanders*
- **IEC 60745-2-5-am1**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 2-5: Particular Requirements for Circular Saws–Amendment 1*
- **IEC 60745-2-5-am2**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 2-5: Particular Requirements for Circular Saws–Amendment 2*
- **IEC 60745-2-6-am1**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 2-6: Particular Requirements for Hammers–Amendment 1*
- **IEC 60745-2-13, 1st edition**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 2-13: Particular Requirements for Chain Saws*
- **IEC 60745-2-14-am1**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 2-14: Particular Requirements for Planers–Amendment 1*
- **IEC 60745-2-15, 2nd edition**  
*Safety of Hand-Held Motor-Operated Electric Tools–Part 2-15: Particular Requirements for Hedge Trimmers*
- **IEC 60950-1, 2nd edition**  
*Information Technology Equipment–Safety–Part 1: General Requirements*



## Drafts for Public Review (cont'd)

### *Proposed Adoptions (cont'd)*

- **IEC 60950-22, 1st edition**  
*Safety of Information Technology Equipment—Equipment to be Installed Outdoors*
- **IEC 60950-23, 1st edition**  
*Safety of Information Technology Equipment—Part 23: Large IT Equipment with Integral Robotics*

### Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standard, contact David Hulford at 416-747-2636 or david.hulford@csa.ca:

- **CAN/CSA-E670-98**  
*General Requirements for Enclosures for Accessories for Household and Similar Fixed Electrical Installations* (adopted IEC 670-1989, 2nd edition, with Canadian deviations)

## Certification and Testing (CSA International)

### Informs Notices

Date	Subject	Title
November 5, 2004	Change of effective date for CAN/CSA-C22.2 No. 60950-00, and extension of grandfathering dates for certified information and communication technology equipment. This Informs supplements Certification Notice, <i>Information Technology and Electrical Business Equipment No. 11</i> .	Information Technology and Electrical Business Equipment No. 14
November 12, 2004	Publication of the second edition of CAN/CSA-E61965:04, <i>Mechanical Safety of Cathode Ray Tubes</i> .	Audio and Video Equipment No. 15
December 4, 2004	Expansion of scope of CSA International re-testing program to ensure continuous compliance of CSA Certified products with applicable requirements for blade retention. CSA is extending the current program of annual re-testing to include wiring devices containing moulded-on integral receptacles.	Wiring Devices No. 35

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**Certification Notices**


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

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
January 1, 2005	Extension of effective date for the new marking requirements in 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
January 1, 2005	Publication of Technical Information Letter No. B-71, announcing new requirements for neon transformers and power supplies.	Lighting Products No. 42
February 16, 2005	Publication of the first edition of CSA standard C22.2 No. 18.4-04, <i>Hardware for the Support of Conduit, Tubing, and Cable</i> (bi-national standard with UL 2239).	Wiring Devices No. 29
March 1, 2005	Publication of the first edition of CSA standard C22.2 No. 227.2.1-04, <i>Liquid-Tight Flexible Nonmetallic Conduit</i> (bi-national standard with UL 1660).	Conduit No. 13
March 1, 2005	Publication of the first edition of CSA standard C22.2 No. 18.3, <i>Conduit, Tubing and Cable Fittings</i> (tri-national standard with ANCE NMX-J-017 and UL 514B).	Wiring Devices No. 28
March 31, 2005	Publication of amendment as Update No. 4 to CSA standard C22.2 No. 64-M91, <i>Household Cooking and Liquid-Heating Appliances</i> .	Household Cooking and Liquid Heating Appliances No. 14
April 1, 2005	Publication of the eighth edition of CSA standard C22.2 No. 31-04, <i>Switchgear Assemblies</i> . This edition includes new requirements to add provision for: <ul style="list-style-type: none"> <li>• lock-out features of high-voltage switches and circuit-breakers</li> <li>• lock-out of low-voltage switches and circuit-breakers</li> <li>• padlocking of automatic shutters in metal-clad switchgear with removable breakers.</li> </ul>	Switchgear Assemblies No. 4
May 24, 2005	Publication of amendments to CSA standard C22.2 No. 112-97, <i>Electric Clothes Dryers</i> (bi-national with UL 2158). The amendment clarifies the marking requirements for a pressure wire connector intended for connection of an equipment-grounding conductor.	Appliances No. 3



**Certification Notices (cont'd)**

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
August 1, 2005	Publication of the fifth edition of CSA standard C22.2 No. 56-04, <i>Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit</i> .	Wiring Devices No. 30
September 30, 2005	Publication of the second edition of CSA standard C22.2 No. 235, <i>Supplementary Protectors</i> .	Power Distribution Equipment No. 1
November 1, 2005	Publication of the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> .	Motors and Generators No. 4
November 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> .	Wiring Devices No. 25
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
June 1, 2010	Publication of CSA standards CAN/CSA-C22.2 No. 60745-1-04 and CAN/CSA-C22.2 No. 60745-2-04 (bi-national standards with UL 60745-1 and associated Part 2 series standards)	Electrical Tools No. 15

## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### C373-04, 4th edition

*Energy Consumption Test Methods and Limits for Household Dishwashers* ..... \$70

This standard specifies:

- methods to be used in measuring the energy consumption of household dishwashers
- energy consumption limits for household dishwashers.

This standard applies to household electrically powered automatic dishwashers designed for a 60 Hz a.c. supply and a nominal system voltage not exceeding 250 V.

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

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#### B139-04, 7<sup>e</sup> édition

*Code d'installation des appareils de combustion au mazout* ..... 100 \$

Ce code vise :

- l'installation d'appareils, de matériel, de composants et d'accessoires qui utilisent le mazout comme combustible tels :
  - les générateurs d'air chaud pulsé
  - les chaudières
  - les chauffe-eau d'usage domestique
  - les chauffeuses de véhicules
  - l'alimentation de secours des bâtiments
- l'installation des appareils de combustion au mazout fixes et portatifs y compris les sources d'alimentation en combustible, la tuyauterie et les réservoirs non intégrés qui font partie des moteurs à combustion interne au mazout
- l'installation des réservoirs hors sol d'une capacité maximale de 2500 L (550 gal) chacun et d'une capacité totale maximale de 5000 L (1100 gal) de même que la tuyauterie qui relie les réservoirs à l'appareil au mazout.

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### Modifications publiées en français

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#### Z662-03

*Réseaux de canalisations de pétrole et de gaz*

Des modifications ont été apportées aux articles 2, 12.7.2.3, 12.7.2.4 et à la figure H.1.



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## Reaffirmed Standards

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### **CAN/CSA-F379.1-88 (R2004)**

*Solar Domestic Hot Water Systems (Liquid to Liquid Heat Transfer)*

### **CAN/CSA-F379.2-M89 (R2004)**

*Seasonal Use Solar Domestic Hot Water Systems*

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

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### Certification Notices

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

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
► April 1, 2005 (fluorescent lamp ballasts) April 1, 2010 (replacement lamp ballasts)	Publication of amendments to CAN/CSA-C654-M91, <i>Fluorescent Lamp Ballast Efficacy Measurements</i> . The ballast efficacy factor was changed significantly for most ballasts used with T12 lamps.	Verification Service No. 24



### ***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 Darryl Neate at 416-747-2539 or [darryl.neate@csa.ca](mailto:darryl.neate@csa.ca):

- **ISO 22000, 1st edition**  
*Food Safety Management Systems—Requirements for Organizations Throughout the Food Chain*
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#### **Proposed Withdrawal of Standards**

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For more information about the proposed withdrawal of the following standard, contact Darryl Neate at 416-747-2539 or [darryl.neate@csa.ca](mailto:darryl.neate@csa.ca):

- **CAN/CSA-Z825-98 (R2003)**  
*Guide to ISO 14001 for Auditors and Users*

## **Completed Projects / Projets terminés**

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

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#### **ANSI Z21.10.3-2004/CSA 4.3-2004, 3rd edition**

*Gas Water Heaters—Volume III, Storage Water Heaters with Input Ratings above 75,000 Btu per Hour, Circulating and Instantaneous* ..... \$745

This standard details test and examination criteria for automatic storage, with input ratings of 75,000 Btu per hour (21 980 W), circulating and instantaneous water heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

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### **Amendments**

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#### **ANSI Z83.8b-2004/CSA 2.6b-2004**

*Addenda 2 to “Gas Unit Heaters and Gas-Fired Duct Furnaces”* ..... \$85

This document provides revisions to ANSI Z83.8-2002/CSA 2.6-2002 and ANSI Z83.8a-2003/CSA 2.6a-2003.

## **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 Ken Bales at 416-747-2647 or ken.bales@csa.ca:

- **B149.1HB**  
*Natural Gas and Propane Installation Code Handbook*

For more information about the proposed development of the following new projects, contact Senka Krsikapa at 416-747-2508 or senka.krsikapa@csa.ca:

- **ANSI Z21.24/CSA 6.10, 3rd edition**  
*Connectors for Gas Appliances*
- **ANSI Z21.75/CSA 6.27, 2nd edition**  
*Connectors for Outdoor Gas Appliances and Manufactured Homes*
- **Z21.94/CSA 6.31, 1st edition**  
*Automatic Flammable Vapor Sensor Systems and Components*



## Drafts for Public Review

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 February 16, 2005.

### *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:

- **ANSI Z21.15-1997/CSA 9.1-M97, proposed addenda “b”**  
*Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves*
- **ANSI Z21.41-2003/CSA 6.9-2003, proposed addenda “b”**  
*Quick-Disconnect Devices for Use with Gas Fuel Appliances*
- **ANSI Z21.54-2002/CSA 8.4-2002, proposed addenda “a”**  
*Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances*
- **ANSI Z21.69-2002/CSA 6.16-2002, proposed addenda “b”**  
*Connectors for Movable Gas Appliances*
- **ANSI Z21.90-2001/CSA 6.24-2001, proposed addenda “b”**  
*Gas Convenience Outlets and Optional Enclosures*

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

### Informs Notices

Date	Subject	Title
November 5, 2004	Publication of Technical Information Letter R-15-Valve, covering interim certification requirements for proving systems for automatic gas shut-off valves.	Gas Products No. 39

### Certification Notices

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

Effective Date	Subject	Title
January 1, 2005	Publication of addenda ANSI Z21.88a-2003/CSA 2.33a-2003, <i>Vented Gas Fireplace Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.88-2002/CSA 2.33-2002.	Gas Products No. 15



## Certification Notices (cont'd)

Effective Date	Subject	Title
January 1, 2005	Publication of ANSI Z21.50-2003/CSA 2.22-2003, <i>Vented Gas Fireplaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.50-2000/CSA 2.22-2000, ANSI Z21.50a-2001/CSA 2.22a-2001 and ANSI Z21.50b-2002/CSA 2.22b-2002.	Gas Products No. 16
January 1, 2005	Publication of addenda ANSI Z21.88b-2003/CSA 2.33b-2003, <i>Vented Gas Fireplace Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.88-2002/CSA 2.33-2002 and Z21.88a-2003/CSA 2.33a-2003.	Gas Products No. 26
January 1, 2005	Publication of addenda ANSI Z21.50a-2003/CSA 2.22a-2003, <i>Vented Gas Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.50-2003/CSA 2.22-2003.	Gas Products No. 27
January 1, 2005	Publication of ANSI Z21.86-2004/CSA 2.32-2004, <i>Vented Gas-Fired Space Heating Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.86-2000/CSA 2.32-2000, ANSI Z21.86a-2002/CSA 2.32a-2002, and ANSI Z21.86b-2002/CSA 2.32b-2002.	Gas Products No. 30
February 1, 2005	Publication of addenda ANSI Z21.13b-2003/CSA 4.9b-2003, <i>Gas-Fired Low Pressure Steam and Hot Water Boilers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000 and ANSI Z21.13a-2002/CSA 4.9a-2002.	Gas Products No. 13
February 1, 2005	Publication of addenda ANSI Z21.10.3a-2003/CSA 4.3a-2003, <i>Gas Water Heaters, Volume III, Storage Water Heaters With Input Above 75,000 BTU per Hour, Circulating and Instantaneous</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.10.3-2001/CSA 4.3-2001.	Gas Products No. 29
March 1, 2005	Publication of addenda ANSI Z83.20b-2004/CSA 2.34b-2004, <i>Gas-Fired Low-Intensity Infrared Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.20-2001/CSA 2.34-2001 and ANSI Z83.20a-2003/CSA 2.34a-2003.	Gas Products No. 33

**Certification Notices (cont'd)**

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
March 1, 2005	Extension of effective date for compliance with the requirements of ANSI Z21.11.2-2002 and ANSI Z21.11.2a-2003.	Gas Products No. 34
April 1, 2005	Publication of addenda ANSI Z83.18b-2003, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.18-2000 and ANSI Z83.18a-2001.	Gas Products No. 17
April 1, 2005	Publication of addenda ANSI Z21.78b-2004/CSA 6.20b-2004, <i>Combination Gas Controls for Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.78-2000/CSA 6.20-2000 and ANSI Z21.78a-2001/CSA 6.20a-2001.	Gas Products No. 20
▶ April 1, 2005	Publication of ANSI Z21.47-2003/CSA 2.3-2003, <i>Gas-Fired Central Furnaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.47-2001/CSA 2.3-2001, ANSI Z21.47a-2001/CSA 2.3a-2001, and ANSI Z21.47b-2002/CSA 2.3b-2002.	Gas Products No. 44
May 1, 2005	Publication of addenda ANSI Z83.8a-2003/CSA 2.6a-2003, <i>Gas Unit Heaters and Gas-Fired Duct Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.8-2002/CSA 2.6-2002.	Gas Products No. 18
May 1, 2005	Publication of ANSI Z83.4-2003/CSA 3.7-2003, <i>Non-Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.83.4-1999/CSA 3.7-M99, ANSI Z21.83.4a-2001/CSA 3.7a-2001, and ANSI Z21.83.4b-2002/CSA 3.7b-2002.	Gas Products No. 32
June 1, 2005	Publication of addenda ANSI Z21.5.2b-2003/CSA 7.2b-2003, <i>Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.5.2-2001/CSA 7.2-2001 and ANSI Z21.5.2a-2003/CSA 7.2a-2003.	Gas Products No. 14





## Certification Notices (cont'd)

Effective Date	Subject	Title
June 1, 2005	Publication of addenda ANSI Z21.90a-2003/CSA 6.24a-2003, <i>Gas Convenience Outlets and Optional Enclosures</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.90-2001/CSA 6.24-2001.	Gas Products No. 21
June 1, 2005	Publication of addenda ANSI Z21.81b-2003/CSA 6.25b-2003, <i>Cylinder Connection Devices</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.81-1997/CSA 6.25-M97 and ANSI Z21.81a-1998/CSA 6.25a-M98.	Gas Products No. 22
June 1, 2005	Publication of addenda ANSI Z21.1b-2003, <i>Household Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.1-2000 and ANSI Z21.1a-2003.	Gas Products No. 24
June 1, 2005	Publication of addenda ANSI Z21.89b-2004/CSA 1.18b-2004, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.89-2002/CSA 1.18-2002 and ANSI Z21.89a-2003/CSA 1.18a-2003.	Gas Products No. 25
June 1, 2005	Publication of ANSI Z21.41-2003/CSA 6.9-2003, <i>Quick Disconnect Devices for Use with Gas Fuel</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.41-1998/CSA 6.9-1998, ANSI Z21.41a-2001/CSA 6.9a-2001, and ANSI Z21.41b-2002/CSA 6.9b-2002.	Gas Products No. 31
October 1, 2005	Publication of addenda ANSI Z83.11a-2004/CSA 1.8a-2004, <i>Gas Food Service Equipment</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.11-2002/CSA 1.8-2002.	Gas Products No. 37
► October 1, 2005	Publication of addenda ANSI Z21.77b-2004/CGA 6.23b-2004, <i>Manually Operated Piezo-Electric Spark Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.77-1995/CGA 6.23-M95 and Z21.77a-1997/CGA 6.23a-M97.	Gas Products No. 46



### Certification Notices (cont'd)

Effective Date	Subject	Title
▶ June 1, 2006	Publication of ANSI Z21.13-2004/CSA 4.9-2004, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000, ANSI Z21.13a-2002/CSA 4.9a-2002, and ANSI Z21.13b-2003/CSA 4.9b-2003.	Gas Products No. 45



## Completed Projects / Projets terminés

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

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#### **M682-04, 1<sup>re</sup> édition**

*Dispositifs de chargement frontal agricoles : exigences de sécurité* ..... 50 \$

Cette norme présente des prescriptions de sécurité pour la conception et la construction des dispositifs de chargement frontal agricoles destinés à être montés sur des tracteurs-chargeurs agricoles (conformes à la définition de la norme CSA M684). Le but de cette norme est d'assurer un degré raisonnable de sécurité aux opérateurs et aux autres personnes pendant les opérations normales d'utilisation et d'entretien des dispositifs de chargement frontal agricoles montés sur des tracteurs-chargeurs agricoles.

#### **Z314.14-04, 2<sup>e</sup> édition**

*Sélection et utilisation des contenants de stérilisation rigides*..... 65 \$

Cette norme définit les points essentiels pour la sélection, l'utilisation et l'entretien des contenants de stérilisation rigides. Les critères de sélection sont notamment des exigences minimales relatives à la construction et à la performance, qui sont destinées à aider les établissements de santé à choisir des produits appropriés à l'utilisation prévue.

Cette norme s'applique aux types suivants de contenants de stérilisation rigides :

- a) les étuis ou plateaux protecteurs d'étalement, dont la stérilisation et le maintien de la stérilité nécessitent un emballage supplémentaire ou une méthode supplémentaire de confinement ;
- b) les systèmes de contenants de stérilisation rigides qui ne nécessitent pas d'emballage supplémentaire ; et
- c) les plateaux prévus pour les processus de stérilisation sans emballage, comme la stérilisation rapide (d'urgence) et la stérilisation au point d'utilisation.

Cette norme établit des exigences pour les points suivants :

- a) les politiques et procédures touchant l'utilisation des contenants de stérilisation rigides ;
- b) les caractéristiques générales, la sélection et l'achat des contenants de stérilisation rigides ;
- c) la formation du personnel et la santé et sécurité au travail ;
- d) la détermination des méthodes et des cycles de stérilisation appropriés pour les contenants ;
- e) les essais avant l'utilisation ;
- f) la décontamination, la préparation et l'assemblage des contenants de stérilisation rigides ;
- g) le chargement et le déchargement des stérilisateur ;
- h) l'entreposage dans des conditions stériles ;
- i) la distribution sur place et le transport à l'extérieur du site des contenants de stérilisation rigides ;
- j) leur présentation et leur utilisation dans des conditions aseptiques ; et
- k) l'assurance de la qualité.

De plus, cette norme traite de la préparation, de la manipulation et du chargement des instruments médicaux dans des trousse conteneurisées.



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

### **Z902-04, 1<sup>re</sup> édition**

*Sang et produits sanguins labiles* ..... 95 \$

Cette norme fait état des impératifs de gestion à l'intention des établissements qui prélèvent, traitent, entreposent et utilisent le sang humain et les produits sanguins labiles à des fins de transfusion. Elle aborde les questions de sécurité et d'efficacité pour les personnes qui reçoivent le produit sanguin labile et les questions de sécurité pour le personnel de l'établissement et pour toute autre personne exposée au sang et aux produits sanguins labiles ou qui peut être affectée par ces derniers.

La norme vise les établissements du sang et les services transfusionnels, en plus de toute autre organisation qui prélève, traite, entrepose ou utilise le sang humain et les produits sanguins labiles à des fins de transfusion.

À titre de norme de gestion, cette dernière ne vise pas à remplacer quelque spécification détaillée ni quelque procédure opératoire normalisée (PON) que ce soit, mais plutôt à servir dans leur préparation. Elle comprend les exigences relatives aux politiques et aux procédures, à la gestion de la qualité, au personnel, aux installations physiques et à l'équipement. En plus, la norme précise les exigences particulières à incorporer aux procédures opératoires normalisées de l'établissement pour les activités suivantes :

- a) qualification du donneur ;
- b) prélèvement du sang et des produits sanguins labiles ;
- c) préparation, analyse et étiquetage ;
- d) entreposage, emballage et transport ;
- e) critères d'acceptation, épreuves pré-transfusionnelles et sélection des composants ;
- f) transfusion ;
- g) prélèvement et transfusion de sang autologue ;
- h) aphérèse ;
- i) dons désignés et dons dirigés ;
- j) programmes de donneurs ambulants ;
- k) transfusion à domicile ;
- l) surveillance des réactions indésirables et mesures correctrices ;
- m) gestion des documents ; et
- n) validation et entretien des systèmes informatiques.

### **CAN/CSA-Z5360-94, 3<sup>e</sup> édition**

*Évaporateurs d'anesthésie–Systèmes de remplissage spécifiques à l'agent* (norme ISO 5360:1993, première édition, adoptée avec exigences propres au Canada) ..... 60 \$

Cette norme prescrit les dimensions des systèmes de remplissage spécifiques à l'agent utilisés avec des évaporateurs d'anesthésie spécifiques à l'agent.

Cette norme ne prescrit pas les matériaux utilisés. Il convient que les matériaux des éléments des systèmes de remplissage entrant en contact avec l'agent liquide d'anesthésie soient choisis en tenant compte des facteurs suivants :

- a) toxicité ;
- b) compatibilité avec les agents d'anesthésie ; et
- c) minimisation des risques pour la santé dus aux substances relarguées par les matériaux.

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## Amendments

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**CAN/CSA-Z98S2-04**

*Supplement No.2 to CAN/CSA Z98-01, “Passenger Ropeways and Conveyors”* ..... \$40

Revision of the Contents, and Clauses 2.2, 3.18.5.3, 3.19.2, 3.19.5, 3.22.5.1–3.22.5.7, 3.24.1.1, 3.24.3.2, 3.28.4.2, 3.29.1.1, 3.29.1.3, 3.29.2, 3.29.2.1–3.29.2.3, 3.29.5, 3.29.6.1, 3.29.9.2, 3.30.4, 3.31.1, 3.33.1, 3.33.2, 3.34.2.2, 4.3.1–4.3.3, 4.4.1–4.4.3, 4.6.5, 4.6.6, 4.6.10, 4.7, 4.8, 4.9, 4.10.1, 4.10.2, 4.11.1.2–4.11.1.4, 4.11.2, 4.11.3, 4.12–4.17, 5.5.1, 5.5.2, 5.13.4, 9.2.3, 9.2.5, 9.6.2, 9.6.3, 10.2.2, 10.8.3.1, 10.8.3.2, 11.5.1, 11.5.3, 11.10.1, 11.12.1, 11.16.3.4, 11.23.3–11.23.6, 11.25.8, 11.37.1–11.37.3, B3.1, Tables 2–4, 6, and 8, and the Index.

Addition of Clauses 3.18.5.4, 3.22.5.8–3.22.5.10, 3.24.1.4, 3.24.2.5, 3.29.1.5, 3.29.9.3, 3.30.1.5, 4.3.4, 4.4.4, 4.5.3, 4.6.12, 4.11.1.5–4.11.1.7, 4.18–4.21, 5.5.3, 9.6.4, 10.2.3, 10.2.4, 10.8.3.3, 10.8.3.4, 11.5.5, 11.23.7, and 11.27.6.

Deletion of Clauses 3.26.4.2 and 5.6.5.

**CAN/CSA-Z5360-94 (R2004), TC 1**

*Technical Corrigendum 1:2004 to CAN/CSA-Z5360-94, “Anaesthetic Vaporizers–Agent-Specific Filling Systems”* (Adopted Technical Corrigendum 1:1998 to ISO 5360:1993).

This document is available only with the purchase of the standard. It is not available as a separate document.

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## Modifications publiées en français

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**CAN/CSA-Z98S2-04**

*Supplément n° 2 à la CAN/CSA-Z98-01, « Remontées mécaniques et convoyeurs »* ..... 40 \$

Modification de la table des matières, des articles 2.2, 3.18.5.3, 3.19.2, 3.19.5, 3.22.5.1 à 3.22.5.7, 3.24.1.1, 3.24.3.2, 3.28.4.2, 3.29.1.1, 3.29.1.3, 3.29.2, 3.29.2.1 à 3.29.2.3, 3.29.5, 3.29.6.1, 3.29.9.2, 3.30.4, 3.31.1, 3.33.1, 3.33.2, 3.34.2.2, 4.3.1 à 4.3.3, 4.4.1 à 4.4.3, 4.6.5, 4.6.6, 4.6.10, 4.7, 4.8, 4.9, 4.10.1, 4.10.2, 4.11.1.2 à 4.11.1.4, 4.11.2, 4.11.3, 4.12 à 4.17, 5.5.1, 5.5.2, 5.13.4, 9.2.3, 9.2.5, 9.6.2, 9.6.3, 10.2.2, 10.8.3.1, 10.8.3.2, 11.5.1, 11.5.3, 11.10.1, 11.12.1, 11.16.3.4, 11.23.3 à 11.23.6, 11.25.8, 11.37.1 à 11.37.3, et B3.1, ainsi que des tableaux 2 à 4, 6, et 8, et de l'index.

Les articles 3.18.5.4, 3.22.5.8 à 3.22.5.10, 3.24.1.4, 3.24.2.5, 3.29.1.5, 3.29.9.3, 3.30.1.5, 4.3.4, 4.4.4, 4.5.3, 4.6.12, 4.11.1.5 à 4.11.1.7, 4.18 à 4.21, 5.5.3, 9.6.4, 10.2.3, 10.2.4, 10.8.3.3, 10.8.3.4, 11.5.5, 11.23.7 et 11.27.6 ont été ajoutés.

Les articles 3.26.4.2 et 5.6.5 ont été abrogés.

**CAN/CSA-Z5360-94 (C2004), RT 1**

*Rectificatif technique 1:2004 à la norme CAN/CSA-Z5360-94, « Évaporateurs d'anesthésie–Systèmes de remplissage spécifiques à l'agent »* (norme ISO 5360:1993, rectificatif technique 1:1998, adoptée). Ce document est offert seulement avec l'achat de la norme. Il n'est pas offert comme document distinct.



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## Reaffirmed Standards

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### **CAN/CSA-B44.1-96/ASME-A17.5-1996 (R2004)**

*Elevator and Escalator Electrical Equipment*

### **CAN/CSA-Z600-99 (R2004)**

*Safety of Corded Window Covering Products*

## ***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 Ian Brodie at 416-747-2670 or [ian.brodie@csa.ca](mailto:ian.brodie@csa.ca):

- **B651.1, 2nd edition**  
*Barrier-Free Design for Automated Banking Machines*
- **Z262.4, 3rd edition**  
*Ice Hockey Pucks*
- **Z262.5, 2nd edition**  
*Ringette Face Protectors*

For more information about the proposed development of the following new projects, contact George Schidowka at 416-747-2743 or [george.schidowka@csa.ca](mailto:george.schidowka@csa.ca):

- **ISO 5832-3-00**  
*Implants for Surgery—Metallic Material*
- **ISO 5833-00**  
*Implants for Surgery—Acrylic Resin*
- **ISO 10993-5-01**  
*Biological Evaluation of Medical Devices*

For more information about the proposed development of the following new project, contact Rita Mezei at 416-747-4109 or [rita.mezei@csa.ca](mailto:rita.mezei@csa.ca):

- **ANSI WCMA A100.1-2002 (To be published as Z600 with Canadian deviations)**  
*Safety of Corded Window Covering Products*

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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 February 16, 2005.

### *Proposed Amendments*

To receive copies of the following proposed amendments, or to offer comments, contact Mike Dodd at 416-747-2322 or [mike.dodd@csa.ca](mailto:mike.dodd@csa.ca):

- **B620-03**

*Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods*

Proposed revision of Clauses 4.3.1, 5.1.1.2, 5.1.5.4, 5.1.6.1.6, 5.2.2.10.8, 5.2.2.7(b), 5.6.3.6.5, 5.6.6.7, 5.6.8.4.4, 5.9.1(b), 7.2.4, 7.2.5, 7.2.7.8, 7.5.7, and A4.1, and Table 7.1.

- **CAN/CSA-B621-03**

*Selection and Use of Highway Tanks, Portable Tanks, Cargo Compartments and Containers for the Transportation of Dangerous Goods, Classes 3, 4, 5, 6.1, 8, and 9*

Proposed revision of Table 4.

- **CAN/CSA-B622-03**

*Selection and Use of Highway Tanks, Multi-Unit Tank Car Tanks, and Portable Tanks for the Transportation of Dangerous Goods, Class 2*

Proposed revision of Clauses 4.3, 4.4.1, 5.2.1, 5.2.2, 5.2.3.2, 5.2.4, 6.2, and 6.3, and Tables 1 and 2.



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

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### **Certification Notices**

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

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
January 1, 2005	Publication of the second edition of CAN/CSA-C22.2 No. 60601 Part 2 series standards (adoptions of IEC 60601 Part 2 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). (Supersedes Certification Notices <i>Health Care Equipment</i> Nos. 11, 13, 14, and 17.)	Health Care Equipment No. 18
January 1, 2005	Publication of CSA standard CAN/CSA-Z76.1-99, <i>Reclosable Child-Resistant Packages</i> , and Technical Information Letter No. MHC-09, providing additional requirements for child protocol testing.	Health Care Equipment No. 16
September 30, 2005	Publication of Technical Information Letter No. D-14C1, covering interim certification requirements for controllers for use in lifts for persons with physical disabilities. (Supersedes Technical Information Letter No. D-14B.)	Elevator Equipment No. 9





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



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