



**CANADIAN STANDARDS  
ASSOCIATION**

**INFO UPDATE**

**Volume 1 January/February 2006**

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## **Canadian Standards Association**

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

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

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

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

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

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

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

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

## About this publication

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*Info Update* is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, and standards under development. It also gives you highlights of other activities and services.

CSA offers a free online service called *Keep Me Informed* that will notify registered users when each new issue of *Info Update* is published. To register go to <http://www.csa-intl.org/onlinestore/KeepMeInformed/KeepMeInformed.asp>.

Information is organized into the eight program areas listed below.



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



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



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



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



**Environment** includes Environmental Management • Environmental Technology



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



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



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

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## What you'll find

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Within each program, information is organized into the following sections:

### **Completed Projects / Projets terminés**

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

This section lists new standards, new editions (including adoptions), and special publications that have been published since the last issue of *Info Update*. To place your order call 1-800-463-6727 or visit our Online Store at [www.csa.ca](http://www.csa.ca). Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

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

Cette section énumère les nouvelles normes et éditions (y compris les normes adoptées) ainsi que les publications spéciales qui ont paru depuis la dernière livraison du bulletin *Info-Update*. Pour commander, composez le 1 800 463-6727 ou visitez notre Boutique en ligne, au [www.csa.ca](http://www.csa.ca). Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition. La liste de nos bureaux est présentée à la fin de ce document.

#### ▼ **Amendments**

Amendments are issued periodically for some standards. This section lists amendments that have been published since the last issue of *Info Update*. Most amendments are made available to the purchaser free of charge by returning the update notification card included in the standard or registering online for the update service through the Online Store at [www.csa.ca](http://www.csa.ca) and clicking on "My Account" on the navigation bar. Amendments developed by other standards development organizations, and adopted by CSA are made available for a fee. The prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges.

#### ▼ **Modifications publiées en français**

Dans le cas de certaines normes, des modifications sont publiées à intervalles réguliers. Cette section présente la liste des modifications publiées depuis la dernière livraison du bulletin *Info-Update*. La plupart des modifications étant offertes gratuitement, vous n'avez qu'à remplir et à nous retourner la carte d'avis de mise à jour incluse avec chaque norme. Vous pouvez également vous inscrire en direct à notre service de mise à jour en vous rendant à la Boutique en ligne, au [www.csa.ca](http://www.csa.ca), et en cliquant sur le bouton « Mon compte » de la barre de navigation. Des frais s'appliquent toutefois aux modifications élaborées par d'autres organismes de normalisation et adoptées par la CSA. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition.

#### ▼ **Adopted Standards**

Adopted standards have been developed by another standards development organization and have been approved by our technical committee for use in Canada, with or without modification. They are available for sale from CSA. You will find published adopted standards listed under "*New Standards — New Editions — Special Publications*."

#### ▼ **Endorsed Standards**

Endorsed standards have been developed by another standards development organization, and have been approved by the appropriate CSA technical committee for use in Canada.

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail [gic@ihscanada.ca](mailto:gic@ihscanada.ca); Web site <http://global.ihs.com>.

## **Completed Projects (cont'd) / Projets terminés (suite)**

### ▼ Reaffirmed Standards

The standards listed in this section have been reviewed to determine if they remain technically valid and are acceptable for use until the next edition is published or for a further five years.

### ▼ Withdrawn Standards

The standards listed in this section have been withdrawn. Most withdrawn standards are available from our archived collection. Some copies may not be in original format.

To order, call toll-free 1-800-463-6727 (in Toronto, 416-747-4044).

### ▼ Formal Interpretations

This section lists questions that individuals have submitted about a particular standard. Each question has been reviewed and answered by the appropriate committee. If you would like to submit a question about a particular standard, please see the end notes in the preface of that standard.

## **Under Development**

### ▼ Notice of Intent

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

### ▼ Drafts for Public Review

Drafts of new standards, new editions, and amendments (including adoptions), and endorsements are available for public review before the technical committee approves the technical content. The comment period is normally 60 days from the date of each issue of *Info Update*. 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.

**Please note:** For an additional listing of drafts available for Public Review, visit the online Public Review section at [www.csa.ca](http://www.csa.ca).

After the expiry date for public comments, you can buy most public review drafts, up until the approval stage. Please call Standards Sales at 416-747-4044 or 1-800-463-6727 for pricing, or email your request to [sales@csa.ca](mailto:sales@csa.ca). *Please note:* Drafts are works in progress and have no official status. They are not a substitute for the final, approved standards and amendments. Drafts must not be used 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.



## **Construction Products and Materials**

[B137 Series-05, 3rd edition](#)

*Thermoplastic Pressure Piping Compendium*



## **Produits et matériaux de construction**

[ASME A112.18.1-2005/CSA B125.1-05, 1<sup>re</sup> édition](#)

*Robinets*

[ASME A112.18.2-2005/CSA B125.2-05, 1<sup>re</sup> édition](#)

*Vidanges de robinetterie sanitaire*

[B242-05, 3<sup>e</sup> édition](#)

*Raccords mécaniques pour tuyaux à rainure et à épaulement*

[S157-05, 4<sup>e</sup> édition / S157.1-05, 1<sup>re</sup> édition](#)

*Calcul de la résistance mécanique des éléments en aluminium / Commentaire sur la CSA S157-05*



## **Electrical / Electronics**

[C22.1-06, 20th edition](#)

*Canadian Electrical Code, Part I, Safety Standard for Electrical Installations*

[C22.2 No. 106-05, 5th edition](#)

*HRC-Miscellaneous Fuses*

[C22.2 No. 198.2-05, 2nd edition](#)

*Sealed Wire Connector Systems* (tri-national standard with NMX-J-519-ANCE-05, second edition, and UL 486D, fifth edition)

[C22.2 No. 256-05, 1st edition](#)

*Direct Plug-In Nightlights* (bi-national standard with UL 1786, third edition)



## **Électricité et électronique**

[C22.2 n° 14-05, 10<sup>e</sup> édition](#)

*Appareillage industriel de commande*

[Journal C282-05, 2<sup>e</sup> édition](#)

*Alimentation électrique de secours des bâtiments : journal d'entretien*



## **Energy**

[Z245.15-05, 6th edition](#)

*Steel Valves*

 **Énergie**

[B836-05, 2<sup>e</sup> édition](#)

*Entreposage, manutention et distribution des carburants aviation dans les aéroports*

[N286-05, 1<sup>re</sup> édition](#)

*Exigences relatives au système de gestion des centrales nucléaires*

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 **Gas Equipment**

[B149S1-05](#)

*Ontario Act, Regulations, and Code Adoption Documents for use with  
CSA-B149-05 Code Series*

[ANSI Z21.88-2005/CSA 2.33-2005, 4th edition](#)

*Vented Gas Fireplace Heaters*

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 **Sciences de la Vie**

[PLUS 15189, 1<sup>re</sup> édition](#)

*Les principes essentiels de la norme ISO 15189:2003 — Un guide pratique pour  
la mise en œuvre de la norme ISO 15189:2003 dans les laboratoires d'analyses de  
biologie médicale*

[Z259.1-05, 4<sup>e</sup> édition](#)

*Ceintures de travail et selles pour le maintien en position de travail et pour la limitation  
du déplacement*

[Z259.11-05, 2<sup>e</sup> édition](#)

*Absorbeurs d'énergie et cordons d'assujettissement*

[Z460-05, 1<sup>re</sup> édition](#)

*Maîtrise des énergies dangereuses : cadenassage et autres méthodes*





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



## **Completed Projects / Projets terminés**

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

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#### **B137 Series-05, 3rd edition**

*Thermoplastic Pressure Piping Compendium*..... \$350

This series consists of the following standards:

- **B137.0, 7th edition**, *Definitions, General Requirements, and Methods of Testing for Thermoplastic Pressure Piping*
- **B137.1, 7th edition**, *Polyethylene (PE) Pipe, Tubing, and Fittings for Cold-Water Pressure Services*
- **B137.2, 5th edition**, *Polyvinylchloride (PVC) Injection-Moulded Gasketed Fittings for Pressure Applications*
- **B137.3, 9th edition**, *Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications*
- **B137.4, 7th edition**, *Polyethylene (PE) Piping Systems for Gas Services*
- **B137.4.1, 4th edition**, *Electrofusion-Type Polyethylene (PE) Fittings for Gas Services*
- **B137.5, 6th edition**, *Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications*
- **B137.6, 6th edition**, *Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing, and Fittings for Hot- and Cold-Water Distribution Systems*
- **B137.8, 6th edition**, *Polybutylene (PB) Piping Systems for Pressure Applications*
- **B137.9, 5th edition**, *Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems*
- **B137.10, 5th edition**, *Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems*
- **B137.11, 4th edition**, *Polypropylene (PP-R) Pipe and Fittings for Pressure Applications*
- **B137.12, 4th edition**, *Polyamide (PA) Piping Systems for Gas Services.*



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

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### **ASME A112.18.1-2005/CSA B125.1-05, 1<sup>re</sup> édition**

*Robinets* ..... 100 \$

Cette norme s'applique aux robinets et aux accessoires situés entre le robinet d'arrêt et le robinet de puisage, inclusivement. Elle vise notamment :

- a) les mélangeurs automatiques pour appareils de douche installés au mur ;
- b) les robinets de baignoire et de douche ;
- c) les robinets de bidet ;
- d) les robinets de machine à laver ;
- e) les robinets de fontaine ;
- f) les robinets d'arrêt pour humidificateurs ;
- g) les robinets d'évier et de lavabo ;
- h) les robinets de cuve à lessive ;
- i) les robinets d'arrosage et de vidange ;
- j) les robinets à débit limité et à fermeture automatique ; et
- k) les robinets d'arrêt.

### **ASME A112.18.2-2005/CSA B125.2-05, 1<sup>re</sup> édition**

*Vidanges de robinetterie sanitaire* ..... 60 \$

Cette norme s'applique aux vidanges de robinetterie sanitaire dont le diamètre nominal est d'au plus 2 NPS.

### **B242-05, 3<sup>e</sup> édition**

*Raccords mécaniques pour tuyaux à rainure et à épaulement* ..... 120 \$

Cette norme porte sur les raccords mécaniques pour tuyaux sous pression à rainure et de diamètre nominal allant jusqu'à 42 ainsi que pour tuyaux sous pression à épaulement dont le diamètre nominal mesure jusqu'à 60 et qui servent à transporter des liquides et des gaz.

Cette norme renferme les exigences minimales applicables aux matériaux, aux propriétés chimiques et physiques, aux dimensions des rainures et des épaulements des tuyaux, à la finition et au marquage des raccords.

### **S157-05, 4<sup>e</sup> édition / S157.1-05, 1<sup>re</sup> édition**

*Calcul de la résistance mécanique des éléments en aluminium / Commentaire sur la CSA S157-05*

S157 s'applique au calcul des éléments et des ensembles en alliage d'aluminium destinés à supporter une charge connue. Cette norme énonce les exigences relatives au calcul des éléments afin de satisfaire au *Code national du bâtiment — Canada* à l'aide des méthodes de calcul aux états limites.

S157.1 est un commentaire sur la S157.




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## Amendments

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### **A23.3-04**

#### *Design of Concrete Structures*

Revision of Clauses 13.2.3–13.2.5, D.1.3, and D.7.1.2(c), and Figure D.9.

### **CAN/CSA-A660-04**

#### *Certification of Manufacturers of Steel Building Systems*

Revision of the outside front cover and the title page. Addition of National Standards of Canada text.

### **CAN/CSA-A3000 Series-03**

#### *Cementitious Materials Compendium*

Revision of the following clauses and tables:

- **CAN/CSA-A3000 Series-03:** the Contents and the Index
- **CAN/CSA-A3001:** Clauses 3, 4.2.3, 4.3.2, 4.3.3, 4.3.5, 5.2.2, and 7.2, and Tables 1 and A.3
- **CAN/CSA-A3002:** Clause 5.2 and Table 1. Addition of Table 2.
- **CAN/CSA-A3003:** Clauses 2.1 and 10.9
- **CAN/CSA-A3004:** Clause 2.1
- **CAN/CSA-A3004-A2:** Clauses 6 and 7
- **CAN/CSA-A3004-A3:** Clause 7
- **CAN/CSA-A3004-A4:** Clauses 5.1.1 and 5.1.2
- **CAN/CSA-A3004-B1:** Clause 7
- **CAN/CSA-A3004-B2:** Clauses 5.4 and 7
- **CAN/CSA-A3004-B5:** Clauses 5.3 and 7
- **CAN/CSA-A3004-B7:** Clause 7
- **CAN/CSA-A3004-C2:** Clauses 3.1, 4.2, and 7, and Table 1
- **CAN/CSA-A3004-C4:** Clause 7
- **CAN/CSA-A3004-C5:** Clauses 4.2, 4.3, 5.2, 5.6.1, and 7
- **CAN/CSA-A3004-C7:** Clause 7
- **CAN/CSA-A3004-C8:** Clauses 1, 4.3, 6, and 7
- **CAN/CSA-A3004-C9:** Clause 4.2
- **CAN/CSA-A3005:** Addition of Clause 3.3.16A.

### **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*

**CAN/CSA-B64.10-01:** Revision of Clause 2.2, Appendix E, and Figures C2 and E1.

### **CAN/CSA-S471-04**

#### *General Requirements, Design Criteria, the Environment and Loads*

Revision of the outside front cover and the title page. Addition of National Standards of Canada text.



## Amendments (cont'd)

### **CAN/CSA-S472-04**

#### *Foundations*

Revision of the outside front cover and the title page. Addition of National Standards of Canada text.

### **CAN/CSA-S473-04**

#### *Steel Structures*

Revision of the outside front cover and the title page. Addition of National Standards of Canada text.

### **CAN/CSA-S806-02**

#### *Design and Construction of Building Components with Fibre-Reinforced Polymers*

Revision of Clause G9.3.

### **CAN/CSA-Z241 Series-03**

#### *Park Model Trailers*

(The Z241 Series includes CAN/CSA-Z241.0-03, CAN/CSA-Z241.1-03, CAN/CSA-Z241.2-03, CAN/CSA-Z241.3-03, CAN/CSA-Z241.4-03, and CAN/CSA-Z241.5-03.)

Revision of the outside and inside front cover, and the title pages. Addition of National Standards of Canada text.

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## Modifications publiées en français

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### **CAN/CSA-A660-04**

#### *Certification des fabricants de systèmes de bâtiment en acier*

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

### **CAN/CSA-A3000 Série-03**

#### *Compendium des matériaux liants*

Des modifications ont été apportées aux articles et tableaux suivants :

- **CAN/CSA-A3000 Série-03** : Modification de la table des matières et de l'index.
- **CAN/CSA-A3001** : Modification du chapitre 3, des articles 4.2.3, 4.3.2, 4.3.3, 4.3.5, 5.2.2, et 7.2, ainsi que des tableaux 1 et A.3.
- **CAN/CSA-A3002** : Modification de l'article 5.2 et du tableau 1. Le tableau 2 a été ajouté.
- **CAN/CSA-A3003** : Modification des articles 2.1 et 10.9.
- **CAN/CSA-A3004** : Modification de l'article 2.1.
- **CAN/CSA-A3004-A2** : Modification des chapitres 6 et 7.
- **CAN/CSA-A3004-A3** : Modification du chapitre 7.
- **CAN/CSA-A3004-A4** : Modification des articles 5.1.1 et 5.1.2.



## Modifications publiées en français (suite)

### **CAN/CSA-A3000 Série-03 (suite)**

- CAN/CSA-A3004-B1 : Modification du chapitre 7.
- CAN/CSA-A3004-B2 : Modification de l'article 5.4 et du chapitre 7.
- CAN/CSA-A3004-B5 : Modification de l'article 5.3 et du chapitre 7.
- CAN/CSA-A3004-B7 : Modification du chapitre 7.
- CAN/CSA-A3004-C2 : Modification des articles 3.1 et 4.2, du chapitre 7, ainsi que du tableau 1.
- CAN/CSA-A3004-C4 : Modification du chapitre 7.
- CAN/CSA-A3004-C5 : Modification des articles 4.2, 4.3, 5.2, 5.6.1, et 7.
- CAN/CSA-A3004-C7 : Modification du chapitre 7.
- CAN/CSA-A3004-C8 : Modification des articles 1, 4.3 et 6, ainsi que du chapitre 7.
- CAN/CSA-A3004-C9 : Modification de l'article 4.2.
- CAN/CSA-A3005 : L'article 3.3.16A a été ajouté.

### **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*

CAN/CSA-B64.10-01 : Des modifications ont été apportées à l'article 2.2, à l'appendice E et aux figures C2 et E1.

### **CAN/CSA-S471-04**

*Exigences générales, critères de calcul, conditions environnementales et charges*

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

### **CAN/CSA-S472-04**

*Fondations*

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

### **CAN/CSA-S473-04**

*Charpentes en acier*

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

### **CAN/CSA-S806-02**

*Règles de calcul et de construction des composants contenant des polymères renforcés de fibres*

Des modifications ont été apportées à l'article G9.3.



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

### **CAN/CSA-Série Z241-03**

*Maisons mobiles de parc*

(La série Z241-03 comprend les normes CAN/CSA-Z241.0-03, CAN/CSA-Z241.1-03, CAN/CSA-Z241.2-03, CAN/CSA-Z241.3-03, CAN/CSA-Z241.4-03, et CAN/CSA-Z241.5-03.)

Des modifications ont été apportées à la première de couverture et aux pages titre.  
Le texte relatif aux Normes nationales du Canada a été ajouté.

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## **Reaffirmed Standards**

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### **CAN/CSA-A277-01 (R2005)**

*Procedure for Certification of Factory-Built Houses*

### **CAN/CSA-B64 Series-01 (R2006)**

*Backflow Preventers and Vacuum Breakers*

(Series consists of CAN/CSA-B64.0-01, CAN/CSA-B64.1.1-01, CAN/CSA-B64.1.2-01, CAN/CSA-B64.2-01, CAN/CSA-B64.2.1-01, CAN/CSA-B64.2.1.1-01, CAN/CSA-B64.2.2-01, CAN/CSA-B64.3-01, CAN/CSA-B64.3.1-01, CAN/CSA-B64.4-01, CAN/CSA-B64.4.1-01, CAN/CSA-B64.5-01, CAN/CSA-B64.5.1-01, CAN/CSA-B64.6-01, CAN/CSA-B64.6.1-01, CAN/CSA-B64.7-01, CAN/CSA-B64.8-01 and CAN/CSA-B64.9-01.)

### **CAN/CSA-B64.10-01 / B64.10.1-01 (R2006)**

*Manual for the Selection and Installation of Backflow Prevention Devices /  
Manual for the Maintenance and Field Testing of Backflow Prevention Devices*

### **CAN/CSA-G40.23-94 (R2005)**

*Steel-Surface Finish of Hot-Rolled Plates and Wide Flats — Delivery Requirements*

### **O56-1962 (R2006)**

*Round Timber Piles (Imperial version)*

### **CAN3-O56-M79 (R2006)**

*Round Wood Piles (Metric version)*

### **O112 Series-M1977 (R2006)**

*CSA Standards for Wood Adhesives*

(Series consists of O112.0-M1977, O112.1-M1977, O112.2-M1977, O112.3-M1977, O112.4-M1977, O112.5-M1977, O112.6-M1977, O112.7-M1977, and O112.8-M1977.)

### **S307-M1980 (R2006)**

*Load Test Procedure for Wood Roof Trusses for Houses and Small Buildings*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-Z240 MH Series-92 (R2005)**

#### *Mobile Homes*

(Series consists of CAN/CSA-Z240.1.1-92, CAN/CSA-Z240.2.1-92, CAN/CSA-Z240.3.1-92, CAN/CSA-Z240.4.1-92, CAN/CSA-Z240.5.1-92, and CAN/CSA-Z240.9.1-92.)

### **Z240.10.1-94 (R2005)**

#### *Site Preparation, Foundation, and Anchorage of Mobile Homes*

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## Formal Interpretations

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The following interpretation regarding Clause 5.3.2.2 of CSA standard O112.9-04, *Evaluation of Adhesives for Structural Wood Products*, has been approved by the Technical Committee on Solid and Engineered Wood Products.

**Question:** Is the intent of Clause 5.3.2.2 to permit any suitable wood species (hardwood or softwood) to be used in the preparation of the creep test specimen for Environment C?

**Answer:** Yes.

## ***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 Dwayne Torrey at 416-747-2746 or [dwayne.torrey@csa.ca](mailto:dwayne.torrey@csa.ca):

- **O118.1, 6th edition**  
*Western Cedar Shakes and Shingles*
- **O118.2, 2nd edition**  
*Eastern White Cedar Shingles*





## ***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>
September 1, 2006	Publication of CAN/CSA standard B182.8-02, <i>Profile Polyethylene Storm Sewer and Drainage Pipe and Fittings.</i>	Plumbing Products No. 158
October 1, 2006	Publication of CSA standard B66-05, <i>Design Material, and Manufacturing Requirements for Prefabricated Septic Tanks and Sewage Holding Tanks.</i> All previously certified concrete tanks are required to be re-certified to the new requirements.	Plumbing Products No. 163
April 1, 2007	Publication of CSA standard A440.2-04/A440.3-04, <i>Energy Performance of Windows and other Fenestration Systems / User Guide to CSA A440.2-04.</i>	Building Products and Materials No. 13

## Completed Projects / Projets terminés

### New Standards – New Editions – Special Publications

#### C22.1-06, 20th edition

*Canadian Electrical Code, Part I, Safety Standard for Electrical Installations* ..... \$135

The new, 20th edition of the *Canadian Electrical Code* is now available in spiral-bound format, and includes the 2006 *CE Code Pocket Reference*.

The object of this Code is to establish safety standards for the installation and maintenance of electrical equipment. In its preparation, consideration has been given to the prevention of fire and shock hazards, as well as proper maintenance and operation.

Compliance with the requirements of this Code and proper maintenance will ensure an essentially safe installation.

This Code is not intended as a design specification nor as an instruction manual for untrained persons.

The requirements in this Code address the fundamental principles of protection for safety contained in Section 131 of IEC 60364-1, which encompasses protection against electric shock, thermal effects, overcurrent, fault currents, and overvoltage.

This Code covers all electrical work and electrical equipment operating or intended to operate at all voltages in electrical installations for buildings, structures, and premises, including factory-built relocatable and non-relocatable structures, and self-propelled marine vessels stationary for periods exceeding five months and connected to a shore supply of electricity continuously or from time to time, with the following exceptions:

- installations or equipment employed by an electric, communication, or community antenna distribution system utility in the exercise of its function as a utility, as recognized by the regulatory authority having jurisdiction, and located outdoors or in buildings or sections of buildings used for that purpose
- equipment and facilities that are used in the operation of an electric railway and that are supplied exclusively from circuits that supply the motive power
- installations or equipment used for railway signalling and railway communication purposes, and located outdoors or in buildings or sections of buildings used exclusively for such installations
- aircraft
- electrical systems in ships that are regulated under Transport Canada.

For mine and quarry applications, see also CSA standard CAN/CSA-M421.

The 2006 *CE Code Pocket Reference* is a companion to the 2006 edition of the *Canadian Electrical Code, Part I*. This pocketbook provides the reader with a quick guide to commonly consulted sections of the Code, as well as useful tables, diagrams, and background information.

The pocketbook was designed to be a quick and portable reference guide in the field. Because the material is not intended to be complete, the pocketbook must *not* be used in place of the *Canadian Electrical Code, Part I*.



**New Standards – New Editions – Special Publications (cont’d)**

**C22.2 No. 106-05, 5th edition**

*HRC-Miscellaneous Fuses*..... \$70

This standard applies to HRC non-renewable cartridge current-limiting fuses of the HRCI-MISC (Form I) type rated 600 A or less and 600 V ac or less, that are intended to be used in accordance with the *Canadian Electrical Code, Part I*.

**C22.2 No. 198.2-05, 2nd edition**

*Sealed Wire Connector Systems* (tri-national standard with NMX-J-519-ANCE-05, second edition, and UL 486D, fifth edition) ..... \$195

The requirements in this standard cover sealed wire connector systems, including insulating caps, covers, resins, tubing, and tapes provided with, or for use with, specific wire connectors. These systems are intended for wet or damp locations, and other installations such as direct burial, below grade, or above grade where protected from direct exposure to sunlight. The wire connectors covered by these requirements are intended for use with copper conductor, aluminum conductor, or both, in accordance with the installations covered by the *Canadian Electrical Code, Part I*, the *National Electrical Code*, and the *Standard for Electrical Installations*.

**C22.2 No. 256-05, 1st edition**

*Direct Plug-In Nightlights* (bi-national standard with UL 1786, third edition) ..... \$395

This standard applies to direct plug-in nightlights not exceeding 10 W input, for indoor use only, in non-hazardous locations, and intended to be used in accordance with the *Canadian Electrical Code, Part I*. Light source types include incandescent candelabra base lamps, non-replaceable lamps (fluorescent, neon, or light-emitting diode [LED] type), or electroluminescent panels.

These requirements cover direct plug-in nightlights for insertion into a parallel slot receptacle rated 125 volts maximum.

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

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

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**C22.2 n° 14-05, 10<sup>e</sup> édition**

*Appareillage industriel de commande* ..... 150 \$

Cette norme s’applique aux dispositifs de commande et de protection, accessoires compris, conçus pour 1 500 V au maximum pour le démarrage, le freinage, la variation de régime, la commande ou la protection des moteurs électriques, des génératrices, des appareils de chauffage ou des autres dispositifs servant à commander un procédé industriel qui sont conçus pour utilisation dans les emplacements non dangereux, conformément au *Code canadien de l’électricité, Première partie*.

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

### Journal C282-05, 2<sup>e</sup> édition

*Alimentation électrique de secours des bâtiments : journal d'entretien*..... 60 \$

Ce journal d'entretien est composé de tableaux permettant de noter et de préserver l'historique des vérifications, essais et entretiens hebdomadaires, mensuels, semestriels, annuels ainsi que ceux effectués tous les cinq ans et ceux qui ne sont pas planifiés.

### Amendments

#### **CAN/CSA-E61347-2-3A:05 (bilingual)**

*Amendment 1:2005 to CAN/CSA-E61347-2-3:03, "Lamp controlgear — Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps"*  
(Adopted Amendment 1:2004 to CEI/IEC 61347-2-3:2000, without modification) ..... \$55

This document provides revisions to CAN/CSA-E61347-2-3:03.

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

### Modifications publiées en français

#### **CAN/CSA-E61347-2-3A:05 (bilingue)**

*Modification 1:2005 à la norme CAN/CSA-E61347-2-3:03, « Appareillages de lampes — Partie 2-3: Prescriptions particulières pour les ballasts électroniques alimentés en courant alternatif pour lampes fluorescentes »* (norme CEI/IEC 61347-2-3:2000, amendement n° 1:2004, adoptée sans modification) ..... 55 \$

Ce document renferme des modifications à la CAN/CSA 61347-2-3:03.

Cette norme est offerte en format PDF seulement.

### Reaffirmed Standards

#### **C22.2 No. 27-00 (R2006)**

*Busways*

#### **CAN/CSA-C22.2 No. 85-M89 (R2006)**

*Rigid PVC Boxes and Fittings*

#### **CAN/CSA-C22.2 No. 108-01 (R2006)**

*Liquid Pumps*

#### **CAN/CSA-C22.2 No. 182.4-M90 (R2006)**

*Plugs, Receptacles, and Connectors for Communication Systems*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-E730-2-3A-94 (R2006)**

*Amendment 1:2001 to CAN/CSA-E730-2-3-94, “Automatic electrical controls for household and similar use — Part 2: Particular requirements for thermal protectors for ballast for tubular fluorescent lamps” (Adopted Amendment 1:1995 to CEI/IEC 730-2-3:1990, without modification)*

### **CAN/CSA-E730-2-4A-94 (R2006)**

*Amendment 1:2001 to CAN/CSA-E730-2-4-94, “Automatic electrical controls for household and similar use — Part 2: Particular requirements for thermal motor protectors for ballast for motor-compressors of hermetic and semi-hermetic type” (Adopted Amendment 1:1994 to CEI/IEC 730-2-4:1990, without modification)*

### **CAN/CSA-E730-2-7A-94 (R2006)**

*Amendment 1:2001 to CAN/CSA-E730-2-7-94, “Automatic electrical controls for household and similar use — Part 2: Particular requirements for timers and time switches” (Adopted Amendment 1:1994 to CEI/IEC 730-2-7:1990, without modification)*

### **CAN/CSA-E730-2-10A-94 (R2006)**

*Amendment 1:2001 to CAN/CSA-E730-2-10-94, “Automatic electrical controls for household and similar use — Part 2: Particular requirements for electrically operated motor starting relays” (Adopted Amendment 1:1994 to IEC 730-2-10:1991, without modification)*

## ***Under Development***

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### **Drafts for Public Review**

Please note: Public comments about draft standards, proposed amendments, proposed adoptions, and proposed endorsements listed in this issue are due by April 11, 2006.

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

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

- **C22.2 No. 167, 8th edition**  
*Household Dishwashers*

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### **Proposed Reaffirmation of Standards**

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

- **CAN3-C235-83 (R2000)**  
*Preferred Voltage Levels for AC Systems 0 to 50,000 Volts*

## Certification and Testing (CSA International)

### Informs Notices

Date	Subject	Title
December 23, 2005	Publication of Update No. 5 to CSA standard C22.2 No. 147- M90, <i>Motor-Operated Gardening Appliances</i> . This update does not affect existing certification.	Appliances No. 12
December 30, 2005	Publication of the first edition of CSA standard C22.2 No. 2556-05, <i>Wire and Cable Test Methods</i> (tri-national standard with UL 2556 and NMX-J-556-ANCE).	Wire and Cable No. 121

### Certification Notices

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

Effective Date	Subject	Title
February 15, 2006	Publication of CSA standard C22.2 No. 236-05, <i>Heating and Cooling Equipment</i> .	Heating and Cooling Equipment No. 5
March 26, 2006	Publication of the ninth edition of UL 197, <i>Commercial Electric Cooking Appliances</i> , with a new effective date. (Supersedes Appliances No. 6, dated November 30, 2004.)	Appliances No. 6A
March 31, 2006	Publication of Update No. 2 to CSA standard C22.2 No. 214-02, <i>Communications Cables</i> .	Wire and Cable No. 117
April 7, 2006	Extension of the effective date specified in Wire and Cable No. 105.	Wire and Cable No. 105A
May 24, 2006	Publication of amendments to CSA standard C22.2 No. 112-97/UL 2158, <i>Electric Clothes Dryers</i> , with a new effective date. (Supersedes Appliances No. 3, dated June 4, 2004.)	Appliances No. 3A
June 1, 2006	Publication of amendments to UL standard 1059, <i>Terminal Blocks</i> . Major changes include the method of conducting temperature tests.	Wiring Devices No. 40
June 2, 2006	Publication of Technical Information Letter No. H-18, covering interim certification requirements for burner controls incorporating programmable logic. These requirements supplement those of C22.2 No. 199 and C22.2 No. 0.8.	Signal Sensing and Controls No. 3

**Certification Notices (cont'd)**

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
July 28, 2006	Publication of CSA standard C22.2 No. 14-05, <i>Industrial Control Equipment</i> .	Industrial Control Equipment No. 17
July 31, 2006	Publication of Technical Information Letter No. D-29, providing interim certification requirements for disconnect switches incorporating button contacts.	Switches No. 9
August 1, 2006	Publication of CSA standard C22.2 No. 227.3-05, <i>Nonmetallic Mechanical Protection Tubing (NMPT)</i> (bi-national standard with UL 1696).	Conduit No. 16
August 31, 2006	Publication of Technical Information Letter No. C-39, providing interim certification requirements for cord-connected, portable deep fat fryers, cooker/fryers, frying pans, and similar appliances.	Appliances No. 11
► September 1, 2006	Publication of amendments to CSA standard C22.2 No. 117-1970 (R2002), <i>Room Air-Conditioners</i> .	Room Air-Conditioners No. 1
September 1, 2006	Publication of CSA standard C22.2 No. 198.3-05, <i>Coated Electrical Sleeving</i> (bi-national standard, with UL 1441). (Supersedes Wire and Cable No. 61.)	Wiring Devices No. 42
September 1, 2006	Publication of Technical Information Letter No. G-48, providing interim certification requirements for clothes dryer booster fans.	Fans and Ventilators No. 6
October 31, 2006	Publication of CSA standard C22.2 No. 42.1-00, <i>Cover Plates for Flush-Mounted Wiring Devices</i> (bi-national standard with UL 514D).	Wiring Devices No. 39
November 1, 2006	A new effective date for the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> . (Supersedes Motors and Generators No. 4.)	Motors and Generators No. 5
December 16, 2006	Publication of amendments to CSA standard C22.2 No. 169-97/UL 2157, <i>Electric Clothes Washing Machines and Extractors</i> , with a new effective date. (Supersedes Appliances No. 4, dated January 31, 2005.)	Appliances No. 4A
March 30, 2007	Publication of Technical Information Letter No. A-32, providing interim certification requirements for outdoor portable multiple-receptacle extension boxes.	Wiring Devices No. 41

**Certification Notices (cont'd)**

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
June 1, 2007	Publication of amendments to CSA standard CAN/CSA-C22.2 No. 60745-1-04, <i>Hand-held motor-operated electric tools — Safety — Part 1: General requirements</i> (bi-national standard, with UL 60745-1), and four new CAN/CSA-60745 Part 2-05 standards, covering concrete vibrators, strapping tools, band saws, and drain cleaners.	Electrical Tools No. 16
August 31, 2007	Publication of CSA standard C22.2 No. 38-05, <i>Thermosetting Insulated Wires and Cables</i> , and Technical Information Letter No. J-35, covering additional certification requirements (Heat Deformation Test).	Wire and Cable No. 118
December 31, 2008	Publication of the third edition of CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets</i> .	Wiring Devices No. 37
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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#### Z245.15-05, 6th edition

*Steel Valves* ..... \$150

This standard covers steel valves primarily intended for use in oil or gas pipeline systems. The following types of valves are covered:

- gate valves
- plug valves
- ball valves
- check valves.

This standard covers valves in sizes from NPS 2 to NPS 60.

This standard covers valves having cold working-pressure ratings designated by nominal pressure classes from PN 20 to PN 420.

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

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#### B836-05, 2<sup>e</sup> édition

*Entreposage, manutention et distribution des carburants aviation dans les aérodromes* ..... 100 \$

Cette norme prescrit les exigences minimales en matière de conception, de construction, d'exploitation, d'entretien et d'interventions en cas d'urgence pour l'entreposage, la manutention et la distribution des carburants aviation dans les aérodromes.

Cette norme énonce des exigences visant à :

- a) assurer la sécurité des employés des aérodromes et des voyageurs ;
- b) fournir un carburant aviation propre, exempt d'eau et conforme aux spécifications ;
- c) assurer la protection des biens et de l'environnement en ce qui a trait à l'entreposage, à la manutention et à la distribution des carburants aviation.

#### N286-05, 1<sup>re</sup> édition

*Exigences relatives au système de gestion des centrales nucléaires* ..... 325 \$

Cette norme s'applique à l'organisation à qui incombe l'entière responsabilité d'une centrale nucléaire. Elle s'applique également aux autres organisations, désignées par l'organisation à qui incombe l'entière responsabilité de la centrale, qui exécutent les activités au cours du cycle de vie d'une centrale nucléaire.

Cette norme énonce les exigences d'un système de gestion aux fins de la conception, de l'approvisionnement, de la construction, de l'installation, de la mise en service, de l'exploitation et du déclassement.



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## Modifications publiées en français

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### **CAN/CSA-Z662-03**

*Réseaux de canalisations de pétrole et de gaz*

Des modifications ont été apportées aux articles 2, 5.4.1, 10.11.1, 12, 10.12, 13.1.2.5, 13.1.2.7, 13.1.2.9, et C.6.3.3.3, ainsi qu'aux tableaux 10.1 et C.8.12, et aux figures 1.1, 7.2, B.1 et C.3.

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## Withdrawn Standards

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### **Z343-98 (R2002)**

*Test Methods for In-Line and Firebox Flame Arresters*

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## Reaffirmed Standards

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### **CAN3-B255-M81 (R2005)**

*Mechanical Flue-Gas Exhausters*

### **N293-95 (R2006)**

*Fire Protection for CANDU Nuclear Power Plants*

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## Formal Interpretations

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The following interpretation regarding Clause 6.6 of CSA standard C191-04, *Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service*, has been approved by the Technical Committee on Residential Equipment.

**Question:** Referencing C1.6.6 Standby Loss test and 6.6.1 Idling, of CSA standard C191-04, *Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service*. In cases where water heater has a lower thermostat that has maximum temperature setting of only 65C or less, for testing purposes would it be acceptable to replace the lower thermostat with an identical thermostat except with a higher temperature range to obtain the specified 68+/-3C top of tank temperature?

**Answer:** Yes.

## ***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 Sam Loggia at 416-747-2575 or sam.loggia@csa.ca:

- **C380, 1st edition**  
*Performance of Digital Television Adapters*
- **C381, 1st edition**  
*Performance of External Power Supplies*

## Notice of Intent (cont'd)

- **C439, 4th edition**  
*Standard Laboratory Methods of Test for Rating the Performance of Heat-Energy-Recovery Ventilators*
- **C742, 3rd edition**  
*Performance of Automatic Ice-Makers and Ice Storage Bins*
- **C749, 2nd edition**  
*Performance of Dehumidifiers*
- **C814, 2nd edition**  
*Energy Performance of Ceiling Fans*
- **C815, 2nd edition**  
*Energy Performance of Drinking-Water Coolers*

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## Proposed Withdrawal of Standards

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

- **B140.14-M1979 (R2001)**  
*Automatic Flue-Pipe Dampers for Use with Oil-Fired Appliances*

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## 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.

Effective Date	Subject	Title
December 1, 2006	Publication of CSA standard B140.7-05, <i>Oil-Burning Equipment: Steam and Hot-Water Boilers</i> . (Supersedes the previous editions of CSA B140.7.1-1976, <i>Oil-Fired Steam and Hot-Water Boilers for Residential Use</i> , and CSA B140.7.2-1976, <i>Oil-Fired Steam and Hot Water Boilers for Commercial Use</i> .)	Fuel Burning Equipment No. 86
December 1, 2006	Publication of CSA standard B140.12-03, <i>Oil-Burning Equipment: Service Water Heaters for Domestic Hot Water, Space Heating, and Swimming Pools</i> .	Fuel Burning Equipment No. 87
December 1, 2006	Publication of CSA B140.4-04, <i>Oil-Fired Warm Air Furnaces</i> .	Fuel Burning Equipment No. 88

## **Completed Projects / Projets terminés**

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### **Reaffirmed Standards**

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#### **Z762-95 (R2006)**

*Design for the Environment (DFE)*

#### **Z766-95 (R2006)**

*Environmentally Responsible Procurement ("Green Procurement")*

## **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 Hicham Elhalaby at 416-747-2272 or [hicham.elhalaby@csa.ca](mailto:hicham.elhalaby@csa.ca):

- **ISO 14065, 1st edition**

*Greenhouse gases — Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition*

## **Completed Projects / Projets terminés**

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

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#### **B149S1-05**

*Ontario Act, Regulations, and Code Adoption Documents for use with  
CSA-B149-05 Code Series* ..... \$15

This document is intended for use in conjunction with the CAN/CSA-B149-05 Code Series. It is a compilation of the Act, Regulations, and Code Adopting Documents for the use of the CSA B149 Code Series in Ontario. This compilation is prepared for convenience only; for accurate reference, the user should consult the official laws of the Government of Ontario.

#### **ANSI Z21.88-2005/CSA 2.33-2005, 4th edition**

*Vented Gas Fireplace Heaters* ..... \$820

This standard applies to newly produced vented gas fireplace heaters constructed entirely of new, unused parts and materials, and having input ratings up to and including 400,000 Btu/hr.

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### **Reaffirmed Standards**

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#### **CAN1-1.1-M81 (R2006)**

*Domestic Gas Ranges*

#### **ANSI Z21.18-2000/CSA 6.3-2000 (R2006)**

*Gas Appliance Pressure Regulators*

#### **ANSI Z21.63/CSA 11.3-2000 (R2006)**

*Portable Camp Heaters*

#### **ANSI Z21.72-2000/CSA 11.2-2000 (R2006)**

*Portable Type Camp Stoves*

#### **ANSI Z21.73-2000/CSA 11.1-2000 (R2006)**

*Portable Type Gas Camp Lights*

#### **ANSI Z83.7-2000/CSA 2.14-2000 (R2005)**

*Gas-Fired Construction Heaters*



## ***Under Development***

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### **Drafts for Public Review**

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Please note: Public comments about draft standards, proposed amendments, proposed adoptions, and proposed endorsements listed in this issue are due by April 11, 2006.

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

To receive copies of the following draft standards, or to offer comments, contact Tony Cautillo at 416-747-2212 or [tony.cautillo@csa.ca](mailto:tony.cautillo@csa.ca):

- **B105S1, 1st edition**  
*Supplement No. 1 to CAN/CGA-B105-M93, “Code for Digester Gas and Landfill Gas Installations”*
- **B149.1S1, 1st edition**  
*Supplement No. 1 to CAN/CSA-B149.1-05, “Natural Gas and Propane Installation Code”*
- **B149.2S1, 1st edition**  
*Supplement No. 1 to CAN/CSA-B149.2-05, “Propane Storage and Handling Code”*
- **B149.3S1, 1st edition**  
*Supplement No. 1 to CAN/CSA-B149.3-05, “Code for the Field Approval of Fuel-Related Components on Appliances and Equipment”*

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### **Proposed Reaffirmation of Standards**

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For more information about the proposed reaffirmation of the following standards, contact Tony Cautillo at 416-747-2212 or [tony.cautillo@csa.ca](mailto:tony.cautillo@csa.ca):

- **CSA 6.19-01**  
*Residential Carbon Monoxide Alarming Devices*
- **CAN/CSA-B108-99 (R2004)**  
*Natural Gas Fuelling Stations Installation Code*



## Certification and Testing (CSA International)

### Informs Notices

Date	Subject	Title
December 12, 2005	Suspension of effective date for compliance of power vented 30, 40, and 50 gallon water heaters with the tests for resistance to flammable vapor ignition and resistance to lint, dust and oil accumulation in ANSI Z21.10.1/CSA 4.1, <i>Gas Water Heaters, Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu per Hours or Less</i> . (Supersedes Gas Products No. 48, dated January 31, 2005.)	Gas Products No. 94
December 16, 2005	Publication of addenda ANSI Z83.18a-2005, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.18-2004.	Gas Products No. 89
December 16, 2005	Publication of ANSI Z21.57-2005, <i>Recreational Vehicle Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.57-2001, ANSI Z21.57a-2003, and ANSI Z21.57b-2004.	Gas Products No. 90

### Certification Notices

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

Effective Date	Subject	Title
March 1, 2006	Publication of addenda ANSI Z21.11.2b-2004, <i>Gas-Fired Room Heaters — Volume II, Unvented Room Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.11.2-2002 and ANSI Z21.11.2a-2003.	Gas Products No. 47
March 1, 2006	Publication of addenda ANSI Z21.84b-2004, <i>Manually Lighted, Natural Gas Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.84-2002 and ANSI Z21.84a-2003.	Gas Products No. 43A
March 1, 2006	Publication of addenda ANSI Z21.47a-2004/CSA 2.3a-2004, <i>Gas-Fired Central Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.47-2003/CSA 2.3-2003.	Gas Products No. 62

**Certification Notices (cont'd)**

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
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
June 1, 2006	Publication of ANSI Z83.18-2004, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z83.18-2000, ANSI Z83.18a-2001, and ANSI Z83.18b-2003.	Gas Products No. 59
July 1, 2006	Publication of ANSI/IAS LC1-2005/CSA 6.26-2005, <i>Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)</i> . The revisions in this standard supersede any corresponding provisions of ANSI/IAS LC-1-1997, ANSI/IAS LC-1a-1999 and ANSI/IAS LC 1b-2001.	Gas Products No. 81
July 1, 2006	Publication of ANSI Z21.41a-2005/CSA 6.9a-2005, <i>Quick Disconnect Devices for Use With Gas Fuel Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.41-2003/CSA 6.9-2003.	Gas Products No. 82
August 1, 2006	Publication of ANSI Z21.1-2005, <i>Household Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.1-2000, ANSI Z21.1a-2003, and ANSI Z21.1b-2003.	Gas Products No. 67
August 1, 2006	Publication of ANSI Z21.58-2005/CSA 1.6-2005, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.58-1995/CGA 1.6-M95, ANSI Z21.58a-1998/CGA 1.6a-1998, and ANSI Z21.58b-2002/CSA 1.6b-2002.	Gas Products No. 68
August 1, 2006	Publication of ANSI Z21.20-2005, <i>Automatic Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.20-2000, Z21.20a-2000 and Z21.20b-2001.	Gas Products No. 69





## Certification Notices (cont'd)

Effective Date	Subject	Title
August 1, 2006	Publication of addenda ANSI Z21.13a-2005/CSA 4.9a-2005, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.13-2004/CSA 4.9-2004.	Gas Products No. 75
September 1, 2006	Publication of Update No. 14 to CSA standard CAN1-3.1-77 (R2001), <i>Industrial and Commercial Gas-Fired Package Boilers</i> .	Gas Products No. 86
September 1, 2006	Withdrawal of ANSI Z83.17/CAN 1-3.12, <i>Direct Gas-Fired Door Heaters</i> . The certification of direct gas-fired door heaters is now covered under ANSI Z83.4/CSA 3.7, <i>Non-Recirculating Direct Gas-Fired Industrial Air Heaters</i> .	Gas Products No. 87
▶ September 1, 2006	Publication of addenda ANSI Z21.50b-2005/CSA 2.22b-2005, <i>Vented Gas Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.50-2003/CSA 2.22-2003, and Z21.50a-2003/CSA 2.22a-2003.	Gas Products No. 91
▶ September 1, 2006	Publication of addenda ANSI Z21.86a-2005/CSA 2.32a-2005, <i>Vented Gas-Fired Space Heating Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.86-2004/CSA 2.32-2004.	Gas Products No. 92
▶ September 1, 2006	Publication of ANSI Z21.88-2005/CSA 2.33-2005, <i>Vented Gas Fireplace Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.88-2002/CSA 2.33-2002, ANSI Z21.88a-2003/CSA 2.33a-2003, and ANSI Z21.88b-2003/CSA 2.33b-2003.	Gas Products No. 93



## Completed Projects / Projets terminés

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

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#### **PLUS 15189, 1<sup>re</sup> édition**

*Les principes essentiels de la norme ISO 15189:2003 — Un guide pratique pour la mise en œuvre de la norme ISO 15189:2003 dans les laboratoires d'analyses de biologie médicale* ..... 75 \$

L'objectif premier de ce guide préparé à l'intention des intervenants en gestion de la qualité, qu'ils soient novices ou chevronnés, est de procurer des lignes directrices concises et conviviales permettant d'assimiler les exigences de la ISO 15189:2003 et d'en faciliter la mise en application.

#### **Z259.1-05, 4<sup>e</sup> édition**

*Ceintures de travail et selles pour le maintien en position de travail et pour la limitation du déplacement* ..... 60 \$

Cette norme prescrit des exigences relatives à la conception, à la mise à l'essai et au marquage des ceintures de travail et des selles ainsi qu'aux instructions visant ces appareils. Les ceintures de travail et les selles font partie des systèmes de maintien en position et de limitation du déplacement.

Cette norme vise des appareils tels :

- a) les ceintures de travail de monteur de lignes ;
- b) les ceintures de travail ;
- c) les ceintures de mineur ; et
- d) les selles d'arboriste.

#### **Z259.11-05, 2<sup>e</sup> édition**

*Absorbeurs d'énergie et cordons d'assujettissement* ..... 60 \$

Cette norme prescrit des exigences relatives à la performance, à la conception, à la mise à l'essai, au marquage et aux instructions visant les absorbeurs d'énergie et les cordons s'assujettissement, y compris les courroies de poteau de monteur de lignes ainsi que les cordons d'assujettissement et les absorbeurs d'énergie intégrés.

#### **Z460-05, 1<sup>re</sup> édition**

*Maîtrise des énergies dangereuses : cadenassage et autres méthodes* ..... 95 \$

Cette norme prescrit des exigences relatives à la maîtrise des énergies dangereuses associées à des machines, à des équipements ou à des processus potentiellement dangereux. Lorsqu'une norme CSA ou une autre norme reconnue vise un type particulier de machine, d'équipement ou de processus, on devrait l'utiliser avec cette norme de manière à garantir la protection la plus efficace qui soit.




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## Amendments

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### B51S1-05

*Supplement No. 1 to B51-03, “Boiler, Pressure Vessel, and Pressure Piping Code”* ..... \$35

- **B51-03:** Revision of the contents and the preface.
- **B51-03, Part 1:** Revision of Clauses 1.1, 4.10.2, 4.16, 5.3.1, 7.2.3.4, and G.4, and Figure D.6.
- **B51-03, Part 2:** Revision of the Title and Clauses 0, 1.1–1.4, 1.6, 2, 3, 4.1.1, 4.1.2, 4.1.4.1, 4.2, 4.3, 4.4.1, 4.4.2, 4.5, 4.7, 5.3.1, 5.3.2, 5.6.2, 5.6.3, 6.3.2, 6.3.2.5, 6.3.6, 6.5, 6.6, 6.9, 6.10.3, 6.11, 6.13, 6.15.2, 7, 7.2, 7.4.1, 7.4.3–7.4.5, 7.5.3, 8, 8.1, 8.2.3, 8.6.2, 9, 9.1, 9.2.2, 9.6.1, 10, 10.7.1, 10.7.3, 11, 13.2, 13.4.2, 13.5, 14.1, 14.7, 14.7.2, 14.10, 14.11.1, 14.11.3, 14.12.2, 14.13, 14.14, 14.15.5, 14.16–14.21, 14.22.4, 14.23, B.3.2, and B.6.5 and Tables 2–5. Addition of Clauses 6.3.2.6, 7.5.6, and 8.6.11.
- **B51-03, Part 3:** Revision of the Title and Clauses 1.1, 2, 3, 4.1, 4.2, 4.5.2, 5, 5.1.1, 5.1.3, 5.1.4, 5.2, 5.3, 5.5.2, 5.6.2, 5.6.3, 6, 6.1.1, 6.1.2, 6.2, and 6.4. Deletion of Clauses 4.3 and 6.1.3–6.1.5.

### CAN/CSA-B354.1-04

*Portable Elevating Work Platforms*

Revision of the outside front cover and the title page. Addition of National Standards of Canada text.

### CAN/CSA-Z314.7-03

*Steam Sterilizers for Health Care Facilities*

Revision of the outside and inside front cover, and the title page. Addition of National Standards of Canada text.

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## Modifications publiées en français

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### B51S1-05

*Supplément n° 1 à la B51-03, «Code sur les chaudières, les appareils et les tuyauteries sous pression»* ..... 35 \$

- **B51-03:** Modifications de la table des matières et de la préface.
- **B51-03, Première partie :** Modifications des articles 1.1, 4.10.2, 4.16, 5.3.1, 7.2.3.4, et G.4, et de la figure D.6.
- **B51-03, Deuxième partie :** Modifications à la page titre et aux articles 0, 1.1 à 1.4, 1.6, 2, 3, 4.1.1, 4.1.2, 4.1.4.1, 4.2, 4.3, 4.4.1, 4.4.2, 4.5, 4.7, 5.3.1, 5.3.2, 5.6.2, 5.6.3, 6.3.2, 6.3.2.5, 6.3.6, 6.5, 6.6, 6.9, 6.10.3, 6.11, 6.13, 6.15.2, 7, 7.2, 7.4.1, 7.4.3 à 7.4.5, 7.5.3, 8, 8.1, 8.2.3, 8.6.2, 9, 9.1, 9.2.2, 9.6.1, 10, 10.7.1, 10.7.3, 11, 13.2, 13.4.2, 13.5, 14.1, 14.7, 14.7.2, 14.10, 14.11.1, 14.11.3, 14.12.2, 14.13, 14.14, 14.15.5, 14.16 à 14.21, 14.22.4, 14.23, B.3.2, et B.6.5 et les tableaux 2 à 5. Les articles 6.3.2.6, 7.5.6, 8.6.11 ont été ajoutés.
- **B51-03, Troisième partie :** Modifications à la page titre et aux articles 1.1, 2, 3, 4.1, 4.2, 4.5.2, 5, 5.1.1, 5.1.3, 5.1.4, 5.2, 5.3, 5.5.2, 5.6.2, 5.6.3, 6, 6.1.1, 6.1.2, 6.2 et 6.4. Les articles 4.3 et 6.1.3 à 6.1.5 ont été abrogés.

## Modifications publiées en français (suite)

### **CAN/CSA-B354.1-04**

*Plates-formes de travail élévatrices et portatives*

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

### **CAN/CSA-Z314.7-03**

*Stérilisateurs à la vapeur pour les établissements de santé*

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

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## Reaffirmed Standards

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### **CAN/CSA-ISO 9241-1-00 (R2006)**

*Ergonomic requirements for office work with Visual Display Terminals (VDTS) — Part 1: General introduction* (Adopted ISO 9241-1:1997, second edition, without modification)

### **CAN/CSA-ISO 9241-3-00 (R2006)**

*Ergonomic requirements for office work with Visual Display Terminals (VDTS) — Part 3: Visual display requirements* (Adopted ISO 9241-3:1992, first edition, without modification)

### **CAN/CSA-ISO 9241-4-00 (R2006)**

*Ergonomic requirements for office work with Visual Display Terminals (VDTS) — Part 4: Keyboard requirements* (Adopted ISO 9241-4:1998, first edition, without modification)

### **CAN/CSA-M665.1-95 (R2005)**

*Operator Controls on Agricultural Machinery — Location and Direction of Motion*

### **Z412-00 (R2005)**

*Guide to Office Ergonomics*

### **CAN/CSA-Z8835-2-01 (R2006)**

*Inhalational anaesthesia systems — Part 2: Anaesthetic breathing systems for adults* (Adopted ISO 8835-2:1999, second edition, with Canadian deviations)

### **CAN/CSA-Z8836-01 (R2006)**

*Suction catheters for use in the respiratory tract*

(Adopted ISO 8836:1997, second edition, with Canadian deviations)



## ***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 Jeet Tulshi at 416-747-2503 or jeet.tulshi@csa.ca:

- **B44, 11th edition**  
*Safety Code for Elevators and Escalators*
- **B51, 17th edition**  
*Boiler, Pressure Vessel and Piping Code*
- **ISO TS 14798, 2nd edition**  
*Lifts (elevators), escalators and moving walks — Risk assessment and reduction methodology*
- **ISO TS 22559-1, 1st edition**  
*Safety requirements for lifts (elevators) — Part 1: Global essential safety requirements (GESRs)*

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

- **Z317.13, 2nd edition**  
*Infection Control During Construction and Renovation in Health Care Facilities*

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### **Proposed Reaffirmation of Standards**

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For more information about the proposed reaffirmation of the following standard, contact Ian Brodie at 416-747-2670 or ian.brodie@csa.ca:

- **CAN/CSA-Z234.1-00**  
*Metric Practice Guide*

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### **Proposed Withdrawal of Standards**

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For more information about the proposed withdrawal of the following standards, contact George Schidowka at 416-747-2743 or george.schidowka@csa.ca:

- **CAN/CSA-ISO 10993-1-01**  
*Biological evaluation of medical devices — Part 1: Guidance on selection of tests*  
(Adopted ISO 10993-1:1997, second edition, without modification)
- **CAN/CSA-ISO 10993-5-01**  
*Biological evaluation of medical devices — Part 5: Tests for in vitro cytotoxicity*  
(Adopted ISO 10993-5:1999, second edition, without modification)

## ***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, 2006	Publication of CSA standard Z94.1-05, <i>Industrial Protective Headwear — Performance, Selection, Care and Use.</i>	Occupational Health and Safety Products No. 43
April 1, 2006	Publication of CSA standard B44.1-04/ ASME A17.5-2004, <i>Elevator and Escalator Electrical Equipment.</i>	Elevator Equipment No. 15



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



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