



**CANADIAN STANDARDS
ASSOCIATION**

INFO UPDATE

Volume 5 August 2006

Issue date: August 11, 2006

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 and
find out just how convenient
and efficient it is to access
all the latest information.*

About this publication

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

What you'll find

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. 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. 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 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, 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; 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.

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. *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. Although the proposal is to Reaffirm these standards, the result of the review may be to Withdraw them. Action taken will be announced in a future issue of *Info Update*.

▼ 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*. Although the proposal is to Withdraw these standards, the result of the review may be to Reaffirm them. Action taken will be announced in a future 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

[W48-06, 2nd edition](#)

Filler Metals and Allied Materials for Metal Arc Welding



Produits et matériaux de construction

[B137 Série-05, 2^e édition](#)

Recueil de normes sur la tuyauterie sous pression en matière thermoplastique



Électricité et électronique

[C22.2 n° 254-05, 1^{re} édition](#)

Centre de commande des moteurs (norme trinationale avec UL 845, cinquième édition et NMX-J-353-ANCE, deuxième édition)



Life Sciences

[Z305.12-06, 2nd edition](#)

Safe Storage, Handling, and Use of Portable Oxygen Systems in Residential Buildings and Health Care Facilities

[CAN/CSA-Z17664-06, 1st edition](#)

Sterilization of medical devices — Information to be provided by the manufacturer for the processing of resterilizable medical devices (Adopted ISO 17664:2004, first edition, without modification)



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



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

W48-06, 2nd edition

Filler Metals and Allied Materials for Metal Arc Welding..... \$130

This standard specifies requirements for the classification and certification of the following:

- carbon steel covered electrodes for shielded metal arc welding (SMAW)
- chromium and chromium-nickel steel covered electrodes for SMAW, including electrodes designated for welding heat-resistant steels containing more than 11% chromium and less than 50% nickel
- low alloy steel covered electrodes for SMAW
- wire electrodes and deposits for gas-shielded metal arc welding (GMAW) of non-alloy and fine-grained steels
- carbon steel electrodes for flux-cored arc welding (FCAW) and metal-cored arc welding (MCAW)
- fluxes and solid carbon steel electrodes for submerged arc welding (SAW)
- fluxes and composite carbon steel electrodes for SAW.

Wire electrodes and deposits for GMAW of non-alloy and fine-grained steels are classified and certified under this standard using the designations and classification requirements specified in CAN/CSA-ISO 14341.

The filler metals and allied materials covered by this standard are classified in accordance with requirements based on one or more of the following criteria:

- chemical composition
- usability characteristics
- type of covering (for covered electrodes)
- diffusible hydrogen in weld metal (hydrogen-controlled classifications)
- mechanical properties of weld metal (including heat treatment condition)
- positions of welding for which electrodes are suitable.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

B137 Série-05, 2^e édition

Recueil de normes sur la tuyauterie sous pression en matière thermoplastique..... 375 \$

La série B137 comprend les normes suivantes :

- **B137.0, 7^e édition, *Tuyauterie sous pression en matière thermoplastique : définitions, exigences générales et méthodes d'essai.*** Cette norme prescrit les exigences relatives à la tuyauterie en matière thermoplastique pour canalisations sous pression. Elle comprend les ouvrages de référence, les définitions, les abréviations, les exigences générales relatives aux matériaux et aux tubes et raccords façonnés, les méthodes d'essai appropriées et les exigences de marquage.
- **B137.1, 7^e édition, *Tuyaux, tubes et raccords en polyéthylène (PE) pour conduites d'eau froide sous pression.*** Cette norme vise les tuyaux, tubes et raccords en polyéthylène (PE) pour réseaux de distribution d'eau froide. Cette norme prescrit les exigences relatives aux matériaux, à la qualité d'exécution, aux dimensions, à l'alimentation à une pression soutenue et aux craquelures sous l'effet de contraintes de même que les marquages.
- **B137.2, 5^e édition, *Raccords en polychlorure de vinyle (PVC) moulés par injection et munis de bagues d'étanchéité pour conduites sous pression.*** Cette norme vise les raccords en polychlorure de vinyle (PVC) moulés par injection et destinés aux conduites sous pression telles que celles des réseaux publics de distribution d'eau, des branchements d'eau généraux, des tuyauteries pour procédés industriels et des réseaux d'eau incendie. Les raccords visés par cette norme conviennent aux tuyaux en PVC dont le diamètre extérieur est le même que celui des tuyaux en fonte. Une seule valeur de pression nominale, 1620 kPa (catégorie 150), convient aux tuyaux en PVC mesurés selon le diamètre extérieur et dont le rapport dimensionnel (DR) est d'au moins 18. Les raccords sont munis de bagues d'étanchéité.
- **B137.3, 9^e édition, *Tuyaux rigides et raccords en polychlorure de vinyle (PVC) pour conduites sous pression.*** Cette norme vise les tuyaux rigides et des raccords en polychlorure de vinyle (PVC) destinés aux conduites d'eau sous pression telles que les conduites principales d'eau, les branchements d'eau généraux et la tuyauterie de procédés. Les raccords visés par cette norme sont notamment, les raccords moulés, assemblés par joints collés, filetés ou avec bague d'étanchéité et les raccords conçus pour être utilisés avec toutes les méthodes d'assemblage par joints collés.
- **B137.4, 7^e édition, *Tuyauteries en polyéthylène (PE) pour conduites de gaz.*** Cette norme vise les tuyaux, les tubes et les raccords en polyéthylène (PE) utilisés dans les conduites principales de gaz et les services, notamment pour le captage, le transport et la distribution des gaz combustibles contenant au plus 1 % d'hydrocarbures aromatiques.
- **B137.4.1, 4^e édition, *Raccords en polyéthylène (PE) à souder par électrofusion pour conduites de gaz.*** Cette norme vise les raccords en polyéthylène (PE) à souder, à emboîtements et à selle, utilisés pour l'assemblage des tuyaux en PE et dans lesquels la source de chaleur fait partie intégrante du raccord.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

B137 Série-05 (suite)

- **B137.5, 6^e édition**, *Tubes et raccords en polyéthylène réticulé (PEX) pour conduites sous pression*. Cette norme énonce les exigences relatives aux tubes et aux raccords en polyéthylène réticulé (PEX). Les composants visés par cette norme présentent un rapport dimensionnel normalisé (SDR) de 9 et sont destinés aux réseaux de distribution d'eau potable dans lesquels la température de service maximale est de 82 °C et la pression de service maximale est de 690 kPa.
- **B137.6, 6^e édition**, *Tuyaux, tubes et raccords en polychlorure de vinyle chloré (CPVC) pour conduites d'eau chaude et d'eau froide*. Cette norme vise les tuyaux, les tubes et les raccords en polychlorure de vinyle chloré (CPVC) présentant un rapport dimensionnel normalisé de 11 (SDR 11) et les tuyaux de schedule 40 et 80 dont le rapport dimensionnel n'est pas supérieur à 11, destinés aux réseaux de distribution d'eau chaude et d'eau froide soumis à une pression de service maximale de 690 kPa et à une température de service maximale de 82 °C.
- **B137.8, 6^e édition**, *Tuyauterie en polybutylène (PB) pour conduites sous pression*. Cette norme vise les tuyaux, les tubes et les raccords en polybutylène (PB). Elle s'applique aux tuyaux de diamètres nominaux NPS 1/4 à NPS 2. Les raccords visés comprennent les raccords d'insertion, les raccords à souder par fusion à emboîture, les raccords de transition plastique/métal et les raccords à compression. Les tuyaux, les tubes et les raccords visés par cette norme sont destinés à des réseaux de distribution d'eau potable et non potable, chaude et froide sous pression à 690 kPa à des températures s'élevant jusqu'à 82 °C.
- **B137.9, 5^e édition**, *Tuyauterie sous pression en composite polyéthylène-aluminium-polyéthylène (PE-AL-PE)*. Cette norme vise les tuyaux en polyéthylène-aluminium-polyéthylène (PE-AL-PE) comprenant un tube en aluminium soudé dont la paroi est revêtue de part et d'autre de plusieurs couches de polyéthylène (PE) contre-collées au moyen d'un adhésif thermofusible. Les tuyaux visés par cette norme sont destinés aux réseaux de distribution d'eau potable et aux branchements pour utilisations commerciales et domestiques et conviennent à une pression nominale de 1380 kPa à 23 °C, de 1035 kPa à 60 °C, ou de 690 kPa à 82 °C.
- **B137.10, 5^e édition**, *Tuyauterie sous pression en composite polyéthylène réticulé-aluminium-polyéthylène réticulé (PEX-AL-PEX)*. Cette norme vise les tuyaux en polyéthylène réticulé-aluminium-polyéthylène réticulé (PEX-AL-PEX) comprenant un tuyau en aluminium (AL) soudé dont la paroi est revêtue de part et d'autre de plusieurs couches de polyéthylène réticulé (PEX) contre-collées au moyen d'un adhésif thermofusible, ainsi que les raccords utilisés avec ce type de tuyau. Les tuyaux visés par cette norme sont destinés aux réseaux de distribution d'eau potable et aux branchements pour utilisations commerciales et domestiques et conviennent à une pression nominale de 1380 kPa à 23 °C ou de 860 kPa à 82 °C, ou les deux.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

B137 Série-05 (suite)

- **B137.11, 4^e édition**, *Tuyaux et raccords en polypropylène (PP-R) pour conduites sous pression*. Cette norme vise les tuyaux et les raccords en polypropylène copolymérisé statistique (PP-R) destinés aux conduites d'eau sous pression telles que les réseaux de distribution d'eau potable chaude et froide. Les composants de la tuyauterie visés par cette norme sont fabriqués en deux rapports dimensionnels (SDR 5 et SDR 6) de diamètre nominal NPS 3/8 à NPS 3 et sont raccordés par des joints à emboîtement par fusion.
- **B137.12, 4^e édition**, *Tuyauterie en polyamide (PA) pour conduites de gaz*. Cette norme vise les tuyaux, les tubes et les raccords en polyamide (PA) utilisés dans les conduites principales de gaz et les services, notamment pour le captage, le transport et la distribution des gaz pouvant contenir des hydrocarbures aromatiques.

Amendments

CAN/CSA-A3000-03

Cementitious Materials Compendium

— CAN/CSA-A3002: Revision of Table 1.

O437 Series-93

Standards on OSB and Waferboard

Revision of the following clauses and tables:

- **O437.0-93**: Clause 6.4.3 and Tables 4 and B4.
- **O437.1-93**: Clauses 5.2.1.3 and 5.3.5.3.

Modifications publiées en français

Série O437-93

Normes relatives aux panneaux de particules orientées

— **O437.0-93** : Modification de l'article 6.4.3, ainsi que des tableaux 4 et B4.

Reaffirmed Standards

CAN/CSA-O86-01 (R2006)

Engineering Design in Wood

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Muktha Tumkur at 416-747-4045 or muktha.tumkur@csa.ca:

- **A14, 8th edition**
Concrete Poles

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Ted Koza at 416-747-2692 or ted.koza@csa.ca:

- **W186-M1990 (R2002)**
Welding of Reinforcing Bars in Reinforced Concrete Construction

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
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
November 30, 2006	Publication of CSA standard B602-05, <i>Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe.</i>	Plumbing Products No. 165
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
May 1, 2007	Publication of Update #2 to CSA standard B127.1-99, <i>Asbestos Cement Drain Waste and Vent Pipe and Pipe Fittings.</i>	Plumbing Products No. 168

Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 254-05, 1^{re} édition

Centre de commande des moteurs (norme trinationale avec UL 845, cinquième édition et NMX-J-353-ANCE, deuxième édition) 325 \$

Cette norme s'applique aux centres de commande des moteurs devant être utilisés selon le *Code canadien de l'électricité, Première partie* (C22.1), le *National Electrical Code* (ANSI/NFPA 70), et le *Electrical Installations (Utility) du Mexique* (NOM-001-SEDE).

Ces exigences visent les centres de commande des moteurs installés sur des circuits dont les courants de court-circuit disponibles ne sont pas supérieurs à 200 000 A symétriques efficaces ou 200 000 A c.c.

Cette norme est offerte en format PDF seulement.

Amendments

CAN/CSA-C22.2 No. 5-02

Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures

Revision of the title page, the copyright page, the contents, the preface, Clauses 6.1.4.3.4, 7.1.1.11, 7.1.2.1.7, 7.1.2.3.1, 7.1.2.4.1, 7.1.4.1, 7.1.4.2.1, 7.1.4.2.3, 7.1.4.2.4, 7.1.7.16, 7.1.7.17, 7.1.11.6.2, 7.1.11.6.3, 9.1.2.12, 9.4.3, 9.4.9, 9.4.10, 9.4A.3, 11.1.2.1, 11.1.7.2.1, 13.9, 13.10, 13.11, 15.6.1.3, and 19.7.9, and Tables 7.1.4.1.1, 7.4.3.2, and 9.1. Addition of Clauses 6.13.7, 6.16, 7.16, and 9.17. Deletion of the ANCE, CSA, and UL Forewords, and Clauses 9.4.4 and 9.4.5.

C22.2 No. 104-01

Humidifiers

Revision of the title page, the copyright page, the contents, the preface, Clauses 20.19, 42.11, and 42.12, Tables 8 and 10, and Annex A. Addition of Clause 40.5A. Deletion of the UL Foreword.

Modifications publiées en français

C22.2 n° 4-04

Interrupteurs sous boîtier et pour panneau isolant (norme trinationale avec NMX-J-162-ANCE-2004, deuxième édition et UL 98, treizième édition)

Des modifications ont été apportées à la page titre, à la table des matières, à la préface, aux articles 1.3, 1.3.1, 6.8.1, 7.2.4, 7.7.1, 7.10, 9.2.2.1 et 9.2.14, ainsi qu'à la liste du Comité technique. L'article 6.8.5 a été ajouté. L'avant-propos (ANCE), et l'avant-propos (UL), ont été abrogés.



Modifications publiées en français (suite)

CAN/CSA-C22.2 n° 5-02

Disjoncteurs à boîtier moulé et enveloppe de disjoncteurs

Des modifications ont été apportées à la page titre, à la table des matières, à la préface, aux articles 6.1.4.3.4, 7.1.1.11, 7.1.2.1.7, 7.1.2.3.1, 7.1.2.4.1, 7.1.4.1, 7.1.4.2.1, 7.1.4.2.3, 7.1.4.2.4, 7.1.7.16, 7.1.7.17, 7.1.11.6.2, 7.1.11.6.3, 9.1.2.12, 9.4.3, 9.4.9, 9.4.10, 9.4A.3, 11.1.2.1, 11.1.7.2.1, 13.9, 13.10, 13.11 et 15.6.1.3, et aux tableaux 7.1.4.1.1, 7.4.3.2, et 9.1. Les articles 6.13.7, 6.16, 7.16, et 9.17 ont été ajoutés. L'avant-propos (ANCE), l'avant-propos (CSA) et l'avant-propos (UL), ainsi que les articles 9.4.4 et 9.4.5 ont été abrogés.

C22.2 n° 18.3-04

Raccords pour conduits, tubes et câbles

Des modifications ont été apportées à la page titre, à la table des matières, à la préface, aux articles 7.12.3 et 8.9, et au tableau 21. Les articles 8.13.6, 8.14.6, 8.16.9, 8.17.10 et 9.17 ont été ajoutés. L'avant-propos (ANCE) et l'avant-propos (UL), ainsi que l'article 7.15 a été abrogés.

Reaffirmed Standards

CAN/CSA-C22.2 No. 165-92 (R2006)

Electric Boilers

CAN/CSA-C68.3-97 (R2006)

Shielded and Concentric Neutral Power Cables Rated 5-46 KV

Under Development

Proposed Withdrawal of Standards

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

- **CAN/CSA-E335-2-18-94**
Safety of household and similar electrical appliances — Part 2: Particular requirements for battery-powered motor-operated appliances and their charging and battery assemblies (Adopted IEC 335-2-18:1984, second edition)
- **CAN/CSA-E335-2-19-94**
Safety of household and similar electrical appliances — Part 2: Particular requirements for battery-powered shavers, hair clippers and similar appliances and their charging and battery assemblies (Adopted IEC 335-2-19:1984, second edition)
- **CAN/CSA-E335-2-20-94**
Safety of household and similar electrical appliances — Part 2: Particular requirements for battery-powered tooth-brushes and their charging and battery assemblies (Adopted IEC 335-2-20:1984, second edition)

Proposed Withdrawal of Standards (cont'd)

- **CAN/CSA-E335-2-33-94**
Safety of household and similar electrical appliances — Part 2: Particular requirements for coffee mills and coffee grinders (Adopted IEC 335-2-33:1987, second edition)
- **CAN/CSA-E335-2-57-94**
Safety of household and similar electrical appliances — Part 2: Particular requirements for ice-cream appliances with incorporated motor-compressor (Adopted IEC 335-2-57:1989, first edition)
- **CAN/CSA-E335-2-63-94**
Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric water boilers and liquid heaters (Adopted IEC 335-2-63:1990, first edition)

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
May 1, 2006	Publication of new edition of CSA standard C22.2 No. 0.4-04, <i>Bonding of Electrical Equipment</i> .	Electrical Products No. 3

Certification Notices

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

Effective Date	Subject	Title
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

**Certification Notices (cont'd)**

Effective Date	Subject	Title
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 26, 2007	Publication of the ninth edition of UL 197, <i>Commercial Electric Cooking Appliances</i> .	Appliances No. 6B
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
June 1, 2007	Publication of CSA standard C22.2 No. 198.2-05, <i>Sealed Wire Connector Systems</i> (tri-national standard with UL486D and NMX-J-519-ANCE-05).	Wiring Devices No. 43
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 1, 2007	Publication of CSA standard C22.2 No. 182.1-02, <i>Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type</i> (bi-national standard with UL 1682).	Wiring Devices No. 44
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

Reaffirmed Standards

CAN/CSA-C13256-1-01 (R2006)

Water-source heat pumps — Testing and rating for performance — Part 1: Water-to-air and brine-to-air heat pumps (Adopted ISO 13256-1:1998, first edition, with Canadian deviations)

CAN/CSA-C61215:01 (R2006)

Crystalline silicon terrestrial photovoltaic (PV) modules — Design qualification and type approval (Adopted CEI/IEC 1215:1993, first edition, without modification)

CAN/CSA-F379.1-88 (R2006)

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

CAN/CSA-F379.2-M89 (R2006)

Seasonal Use Solar Domestic Hot Water Systems

Withdrawn Standards

B140.14-M1979 (R2001)

Automatic Flue-Pipe Dampers for Use with Oil-Fired Appliances

Notice of Intent

For more information about the proposed development of the following new project, contact Jose Luis Hernandez at 416-747-2519 or joseluis.hernandez@csa.ca:

- **C654, 2nd edition**
Performance of Fluorescent Lamp Ballasts



Certification and Testing (CSA International)

Certification Notices

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



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

Completed Projects / Projets terminés

Reaffirmed Standards

ANSI Z21.24-2001/CGA 6.10-2001 (R2006)

Connectors for Gas Appliances

ANSI Z21.79-1997/CGA 6.21-M97(R2006)

Gas Appliance Sediment Traps

ANSI Z21.92-2001/CSA 6.29-2001 (R2006)

Manually Operated Electric Gas Ignition Systems and Components

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
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/CAN1-3.12, <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 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 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



Certification Notices (cont'd)

Effective Date	Subject	Title
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
May 1, 2007	Publication of ANSI Z21.58a-2006/ CSA 1.6a-2006, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.58-2005/ CSA 1.6-2005.	Gas Products No. 96
May 1, 2007	Publication of ANSI Z21.47b-2006/ CSA 2.3b-2006, <i>Gas-Fired Central Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.47-2003/ CSA 2.3-2003 and Z21.47a-2004/CSA 2.3a-2004.	Gas Products No. 102
July 1, 2007	Publication of ANSI Z21.10.1b-2006/ CSA 4.1b-2006, <i>Gas Water Heaters — Volume I, Storage Water Heaters with Input Rates of 75,000 Btu per Hour or Less</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.10.1-2004/CSA 4.1-2004 and ANSI Z21.10.1a-2006/CSA 4.1a-2006.	Gas Products No. 106



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Z305.12-06, 2nd edition

Safe Storage, Handling, and Use of Portable Oxygen Systems in Residential Buildings and Health Care Facilities \$60

This standard applies to the safe storage, handling, and use of portable oxygen systems (that provide medical oxygen in high-pressure oxygen cylinders, liquid oxygen systems, and oxygen concentrators) in residential buildings and health care facilities.

This standard includes requirements for maximum aggregate storage quantities of gaseous and liquid oxygen.

CAN/CSA-Z17664-06, 1st edition

Sterilization of medical devices — Information to be provided by the manufacturer for the processing of resterilizable medical devices (Adopted ISO 17664:2004, first edition, without modification) \$90

This standard specifies requirements for the information to be provided by the medical device manufacturer on the processing of medical devices claimed to be resterilizable and medical devices intended to be sterilized by the processor, so that the medical device can be processed safely and will continue to meet its performance specification.

Requirements are specified for processing that consists of all or some of the following activities:

- preparation at the point of use
- preparation, cleaning, and disinfecting
- drying
- inspection, maintenance, and testing
- packaging
- sterilization
- storage.

When providing instructions for these activities, medical device manufacturers are expected to be aware of the training and knowledge of procedures of the persons likely responsible for processing, and of the processing equipment available to them.



Amendments

B44-04

Safety Code for Elevators and Escalators

Revision of the Contents, the ASME Foreword, Clauses 1.1.2, 1.3, 2.5.1.4, 2.5.1.5.2, 2.5.1.6, 2.8.2.3.2, 2.10.2, 2.11.1.3, 2.11.3.1, 2.11.6.3, 2.11.12.2, 2.11.13.3.3, 2.12.2.4.1, 2.12.3.1, 2.12.4.1, 2.14.1.5.1, 2.14.1.7.1, 2.14.2.3.1, 2.14.5.8.2, 2.14.7.1.3, 2.18.6.5, 2.24.8.4, 2.24.9.3, 2.26.12.3, 2.27.1.1.5, 2.27.3.2.4, 2.27.3.2.5, 2.27.3.3.7, 2.27.4.3, 2.27.6.2, 2.27.8, 3.17.1.2, Section 3.21, 3.23.1.3, 3.26.9, 5.2.18, 5.2.2.4, 5.2.2.12, 5.2.2.14, 5.2.2.15, 5.3.1.7.1, 5.3.1.11.5, 5.3.1.16.2, 5.9.2.2, 5.9.8, 5.9.15.1, 5.9.26, 6.1.3.3.10, 6.1.3.9.3, 6.2.5.3.1, 6.2.6.2.1, 7.1.9.1, 7.3.5, 7.4.13.2.2, c7.4.13.2.2(e), 7.5.3.3, 7.6.4.1, 7.6.5.2, 8.6.1.6.3, 8.6.5.8, 8.6.8, 8.6.8.2, 8.6.8.4.2, 8.6.8.4.3, 8.6.8.6, 8.6.8.8 to 8.6.8.14, 8.6.9, 8.6.9.1, 8.6.9.2, 8.6.10, 8.6.10.2, 8.6.11, 8.6.11.3, 8.6.11.4, 8.6.11.5, 8.6.11.5.2, 8.7.2.10.2, 8.7.2.10.3, 8.7.2.10.4, 8.7.2.27.5, 8.7.3.20, 8.7.3.21, 8.7.3.22.2, 8.7.3.26, 8.7.6.1.5, 8.7.7.1, 8.7.7.1.1, 8.7.7.3.1, 8.10.3.2.3, 8.10.3.2.5, 8.10.3.3.2, 8.10.4.2.2, 8.11.1.6, 8.11.3.2.2, 8.11.3.4, 8.11.3.4.4, 8.11.4.2.22, 9.1, and 9.2, the Index, and Figure 2.27.7.2. Addition of Clauses 2.3.2.3, 2.8.6, 2.27.9, 5.1.11.4, 5.1.23, 5.2.1.31, 5.2.2.17, 7.1.9.3, 7.5.3.5, 8.7.5.9, 8.7.6.1.16, 8.7.6.2.15, and 8.12, and Figure 2.27.9. Deletion of Clauses 3.24.5, 5.3.1.1.4, c5.3.1.13.2(c), c5.10.1.20.2, c6.1.3.6.6, and 5.8.9.3, Part 7 cScope, c8.4 Note, c8.5 Note, c8.7.5.7, c8.7.6.1.1, c8.7.6.2.1, c8.10.2.2.2(g), c8.10.2.2.5(c)(6), c8.10.5.6, c8.11.2.1.2(g), c8.11.2.1.2(dd), c8.11.2.3.3(d), c8.11.3.1.2(g), c8.11.3.1.2(u), c8.11.4.2.19(f), c8.11.5.6, and Appendix O.

Reaffirmed Standards

CAN/CSA-ISO/TS 14798-01 (R2006)

Lifts (elevators), escalators and passenger conveyors — Risk analysis methodology
(Adopted ISO/TS 14798:2000, first edition, without modification)

CAN/CSA-ISO 14937-01 (R2006)

Sterilization of health care products — General requirements for characterization of a sterilizing agent and the development, validation and routine control of a sterilization process for medical devices (Adopted ISO 14937:2000, first edition, without modification)

CAN/CSA-Z98-01 (R2006)

Passenger Ropeways

Under Development

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 October 10, 2006.

Proposed Adoptions

For more information about the proposed adoption of the following ISO standard, contact David Zimmerman at 416-747-2479 or david.zimmerman@csa.ca:

- **ISO 14971, 2nd edition**
Medical devices — Application of risk management to medical devices

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
October 1, 2006	Supplementary notice to Elevator Equipment No. 15, announcing a new effective date for compliance with the marking requirements of CSA standard B44.1-04/ASME A17.5–2004, <i>Elevator and Escalator Electrical Equipment</i> .	Elevator Equipment No. 15A



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

