



**CANADIAN STANDARDS
ASSOCIATION**

INFO UPDATE

Volume 3 May 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 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

[S832-06, 2nd edition](#)

Seismic Risk Reduction of Operational and Functional Components (OFCs) of Buildings



Electrical / Electronics

[C2.1-06, 1st edition](#)

Single-Phase and Three-Phase Liquid-Filled Distribution Transformers

[C2.2-06, 1st edition](#)

Pole-Mounted, Single-Phase Distribution Transformers for Electric Utilities

[C22.1HB-06, 5th edition](#)

CE Code Handbook, An Explanation of Rules of the CE Code, Part I

[C22.2 No. 66.1-06, 1st edition](#)

Low Voltage Transformers — Part 1: General Requirements (bi-national standard with ANSI/UL 5085-1-2006, 1st edition)

[C22.2 No. 66.2-06, 1st edition](#)

Low Voltage Transformers — Part 2: General Purpose Transformers (bi-national standard with ANSI/UL 5085-2-2006, 1st edition)

[C22.2 No. 66.3-06, 1st edition](#)

Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers (bi-national standard with ANSI/UL 5085-3-2006, 1st edition)

[CAN/CSA-C22.2 No. 257-06, 1st edition](#)

Interconnecting Inverter-Based Micro-Distributed Resources to Distribution Systems

[CAN/CSA-C22.2 No. 61029-2-9:06, 1st edition \(bilingual\)](#)

Safety of transportable motor-operated electric tools — Part 2: Particular requirements for mitre saws (Adopted CEI/IEC 1029-2-9:1995, first edition, without modifications)

[CAN/CSA-C22.2 No. 61029-2-10:06, 1st edition](#)

Safety of transportable motor-operated electric tools — Part 2-10: Particular requirements for cutting-off grinders (Adopted IEC 1029-2-10:1998, first edition, without modifications)

[C227.3-06, 4th edition](#)

Low-Profile, Single-Phase, Pad-Mounted Distribution Transformers with Separable Insulated High-Voltage Connectors

[C227.4-06, 2nd edition](#)

Three-Phase, Pad-Mounted Distribution Transformers with Separable Insulated High-Voltage Connectors

[C301.1, 2nd edition](#)

Single-Phase Submersible Distribution Transformers

Electrical / Electronics (cont'd)

[C301.2, 2nd edition](#)

Three-Phase Submersible Distribution Transformers

[CAN/CSA-C61000-3-3:06, 1st edition \(bilingual\)](#)

Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (Adopted CEI/IEC 61000-3-3:1994, edition 1.1 [2002-03], including Amendment 1:2001, with Canadian deviations)

[CAN/CSA-C61000-3-11:06, 1st edition \(bilingual\)](#)

Electromagnetic compatibility (EMC) — Part 3-11: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems — Equipment with rated current ≤ 75 A and subject to conditional connection (Adopted CEI/IEC 61000-3-11:2000, first edition, with Canadian deviations)

[CAN/CSA-E60335-2-2:06, 2nd edition \(bilingual\)](#)

Household and similar electrical appliances — Safety — Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (Adopted CEI/IEC 60335-2-2:2002, edition 5.1 [2004-11], including Amendment 1:2004, with Canadian deviations)

[CAN/CSA-E60335-2-3:06, 2nd edition](#)

Household and similar electrical appliances — Safety — Part 2-3: Particular requirements for electric irons (Adopted IEC 60335-2-3:2002, edition 5.1 [2005-01], including Amendment 1:2004, with Canadian deviations)

[CAN/CSA-E60335-2-5:06, 2nd edition \(bilingual\)](#)

Household and similar electrical appliances — Safety — Part 2-5: Particular requirements for dishwashers (Adopted CEI/IEC 60335-2-5:2002, edition 5.1 [2005-03], including Amendment 1:2005, with Canadian deviations)

[CAN/CSA-E60335-2-9:06, 2nd edition \(bilingual\)](#)

Household and similar electrical appliances — Safety — Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (Adopted CEI/IEC 60335-2-9:2002, edition 5.1 [2004-03], including Amendment 1:2004, with Canadian deviations)

[CAN/CSA-E60335-2-13:06, 2nd edition \(bilingual\)](#)

Household and similar electrical appliances — Safety — Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances (Adopted CEI/IEC 60335-2-13:2002, edition 5.1 [2004-07], including Amendment 1:2004, with Canadian deviations)

[CAN/CSA-E60335-2-59:06, 2nd edition \(bilingual\)](#)

Household and similar electrical appliances — Safety — Part 2-59: Particular requirements for insect killers (Adopted CEI/IEC 60335-2-59:2005, third edition, with Canadian deviations)

[ANSI Z83.21-2005/CSA C22.2 No. 168-2005, 1st edition](#)

Commercial Dishwashers

 **Électricité et électronique**[C22.2 n° 106-05, 5^e édition](#)

Fusibles à haut pouvoir de coupure (HRC-MISC)

[C22.2 n° 244-05, 1^{re} édition](#)

Tableaux de contrôle (norme trinationale comprenant la deuxième édition de la norme NMX-J-118/2-ANCE et la onzième édition de la norme UL 891)

[CAN/CSA-C22.2 n° 257-06, 1^{re} édition](#)

Interconnexion des ressources micro-décentralisées à onduleur à réseaux de distribution

[CAN/CSA-C22.2 n° 61029-2-9:06, 1^{re} édition \(bilingue\)](#)

Sécurité des machines-outils électriques semi-fixes — Partie 2: Règles particulières pour les scies à onglet (norme CEI/IEC 1029-2-9:1995, première édition, adoptée sans modifications)

[CAN/CSA-C61000-3-3:06, 1^{re} édition \(bilingue\)](#)

Compatibilité électromagnétique (CEM) — Partie 3-3: Limites — Limitation des variations de tension, des fluctuations de tension et du papillotement dans les réseaux publics d'alimentation basse tension, pour les matériels ayant un courant assigné ≤ 16 A par phase et non soumis à un raccordement conditionnel (norme CEI/IEC 61000-3-3:1994, édition 1.1 [2002-03], comprenant l'amendement 1:2001, adoptée avec exigences propres au Canada)

[CAN/CSA-C61000-3-11:06, 1^{re} édition \(bilingue\)](#)

Compatibilité électromagnétique (CEM) — Partie 3-11: Limites — Limitation des variations de tension, des fluctuations de tension et du papillotement dans les réseaux publics d'alimentation basse tension — Équipements ayant un courant appelé ≤ 75 A et soumis à un raccordement conditionnel (norme CEI/IEC 61000-3-11:2000, première édition, adoptée avec exigences propres au Canada)

[CAN/CSA-E60335-2-2:06, 2^e édition \(bilingue\)](#)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-2: Règles particulières pour les aspirateurs et les appareils de nettoyage à aspiration d'eau (norme CEI/IEC 60335-2-2:2002, édition 5.1 [2004-11], comprenant l'amendement 1:2004, adoptée avec exigences propres au Canada)

[CAN/CSA-E60335-2-5:06, 2^e édition \(bilingue\)](#)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-5: Règles particulières pour les lave-vaisselle (norme CEI/IEC 60335-2-5:2002, édition 5.1 [2005-03], comprenant l'amendement 1:2005, adoptée avec exigences propres au Canada)

[CAN/CSA-E60335-2-9:06, 2^e édition \(bilingue\)](#)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-9: Règles particulières pour les grils, les grille-pain et appareils de cuisson mobiles analogues (norme CEI/IEC 60335-2-9:2002, édition 5.1 [2004-03], comprenant l'amendement 1:2004, adoptée avec exigences propres au Canada)

Électricité et électronique (suite)

[CAN/CSA-E60335-2-13:06, 2^e édition \(bilingue\)](#)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-13: Règles particulières pour les friteuses, les poêles à frire et appareils analogues (norme CEI/IEC 60335-2-13:2002, édition 5.1 [2004-07], comprenant l'amendement 1:2004, adoptée avec exigences propres au Canada)

[CAN/CSA-E60335-2-59:06, 2^e édition \(bilingue\)](#)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-59: Règles particulières pour les destructeurs d'insectes (norme CEI/IEC 60335-2-59:2005, troisième édition, adoptée avec exigences propres au Canada)



Energy

[B140.10-06, 2nd edition](#)

Oil-Fired Warm-Air Heating Appliances for Mobile Housing and Recreational Vehicles

[C828-06, 2nd edition](#)

Performance Requirements for Thermostats Used with Individual Room Electric Space Heating Devices

[Z245.6-06, 4th edition](#)

Coiled Aluminum Line Pipe and Accessories



Environment

[CAN/CSA-ISO 14064-1:06, 1st edition](#)

Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (Adopted ISO 14064-1:2006, first edition, without modification)

[CAN/CSA-ISO 14064-2:06, 1st edition](#)

Greenhouse gases — Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements (Adopted ISO 14064-2:2006, first edition, without modification)

[CAN/CSA-ISO 14064-3:06, 1st edition](#)

Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions (Adopted ISO 14064-3:2006, first edition, without modification)



Environnement

[CAN/CSA-ISO 14064-1:06, 1^{re} édition](#)

Gaz à effet de serre — Partie 1: Spécifications et lignes directrices, au niveau des organismes, pour la quantification et la déclaration des émissions et des suppression des gaz à effet de serre (norme ISO 14064-1:2006, première édition, adoptée sans modifications)

Environnement (suite)

[CAN/CSA-ISO 14064-2:06, 1^{re} édition](#)

Gaz à effet de serre — Partie 2: Spécifications et lignes directrices, au niveau des projets, pour la quantification, la surveillance et la déclaration des réductions d'émissions ou d'accroissements de suppressions des gaz à effet de serre (norme ISO 14064-2:2006, première édition, adoptée sans modifications)

[CAN/CSA-ISO 14064-3:06, 1^{re} édition](#)

Gaz à effet de serre — Partie 3: Spécifications et lignes directrices pour la validation et la vérification des déclarations des gaz à effet de serre (norme ISO 14064-3:2006, première édition, adoptée sans modifications)



Gas Equipment

[Gas Technician Training 3 – Module 4A, 3rd edition](#)

Utilization Codes, Acts, and Regulations – Ontario Supplement

[PLUS 1200](#)

Guide to Energy Efficiency Compliance, Verification, and Ratings for Water Heaters

[ANSI Z83.21-2005/CSA C22.2 No. 168-2005, 1st edition](#)

Commercial Dishwashers



Life Sciences

[Z76.1-06, 4th edition](#)

Reclosable Child-Resistant Packages

[Z107.10-06, 1st edition](#)

Guide for the Use of Acoustical Standards in Canada

[Z107.56-06, 3rd edition](#)

Procedures for the Management of Occupational Noise Exposure

[Z259.10-06, 2nd edition](#)

Full Body Harnesses

[CAN/CSA-Z600-06, 2nd edition](#)

Safety of Corded Window Covering Products (adopted ANSI/WCMA A100.1-2002, with Canadian deviations)

[Z617-06, 1st edition](#)

Personal Protective Equipment (PPE) for Blunt Trauma

[Z1000-06, 1st edition](#)

Occupational Health and Safety Management

[CAN/CSA-Z8835-4-06, 1st edition](#)

Inhalational anaesthesia systems — Part 4: Anaesthetic vapour delivery devices (Adopted ISO 8835-4:2004, first edition, with Canadian deviations)



Sciences de la Vie

[CAN/CSA-Z600-06, 2^e édition](#)

Sécurité des couvre-fenêtres à cordon (norme ANSI/WCMA A100.1-2002, adoptée avec exigences propres au Canada)

[CAN/CSA-Z8835-4-06, 1^{re} édition](#)

Systèmes d'anesthésie par inhalation — Partie 4: Dispositifs d'administration de vapeur anesthésique (norme ISO 8835-4:2004, première édition, adoptée avec exigences propres au Canada)



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



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

S832-06, 2nd edition

Seismic Risk Reduction of Operational and Functional Components (OFCs) of Buildings \$120

This standard applies to OFCs in buildings with significant seismic hazards, as defined in Clause 4.1.8.1 of the *National Building Code of Canada*.

This standard provides information and methodologies for identifying and evaluating seismic hazards associated with OFCs and for undertaking appropriate mitigation strategies and techniques. While seismic risk reduction of OFCs is affected by the structural performance of a building, this standard does not address structural integrity.

This standard is intended for use by building owners, building officials, facility managers, engineers, architects, and other stakeholders, for improving the safety and serviceability of OFCs subjected to earthquakes.

Amendments

CAN/CSA-A123.4-04

Asphalt for Constructing Built-Up Roof Coverings and Waterproofing Systems

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

Modifications publiées en français

CAN/CSA-A123.4-04

Bitume utilisé pour l'imperméabilisation de revêtements multicouches pour toitures

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.

Reaffirmed Standards

G4-00 (R2006)

Steel Wire Rope for General Purpose and for Mine Hoisting and Mine Haulage



Under Development

Notice of Intent

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

- **G401, 3rd edition**
Corrugated Steel Pipe Products

For more information about the proposed development of the following new projects, contact Jeff Walker at 416-747-2720 or jeff.walker@csa.ca:

- **ISO 19901-3, 1st edition**
Petroleum and natural gas industries — Specific requirements for offshore structures — Part 3: Topsides structure
- **ISO 19901-6, 1st edition**
Petroleum and natural gas industries — Specific requirements for offshore structures — Part 6: Marine operations
- **ISO 19902, 2nd edition**
Petroleum and natural gas industries — Fixed steel offshore structures
- **ISO 19903, 1st edition**
Petroleum and natural gas industries — Fixed concrete offshore structures
- **ISO 19904-1, 1st edition**
Petroleum and natural gas industries — Floating offshore structures — Part 1: Monohulls, semi-submersibles and spars
- **ISO 19905-1, 1st edition**
Petroleum and natural gas industries — Site-specific assessment of mobile offshore units — Part 1: Jack-ups
- **ISO TR 19905-2, 1st edition**
Petroleum and natural gas industries — Site-specific assessment of mobile offshore units — Part 2: Jack-ups commentary
- **ISO 19906, 1st edition**
Petroleum and natural gas industries — Arctic offshore structures

Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standards, contact Andrew Anderson at 416-747-5583 or andrew.anderson@csa.ca:

- **CAN3-A450.1-M86 (R2001)**
Ceramic Wall Tile Adhesives (Organic)
- **CAN3-A451.1-M86 (R2001)**
Polystyrene Insulation Adhesives



Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
April 6, 2006	Publication of Technical Information Letter No. MSE-051, providing interim certification requirements for multilayer PVC sewer pipe (PSM type) having reprocessed-recycled content.	Plumbing Products No. 166
April 21, 2006	Publication of Technical Information Letter No. MSE-052, providing interim certification requirements for flexible hoses with optional excess flow shutoff devices.	Plumbing Products No. 167

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

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C2.1-06, 1st edition

Single-Phase and Three-Phase Liquid-Filled Distribution Transformers \$100

This standard specifies the requirements for distribution transformers with the exception of those distribution transformers covered by CSA C2.2, C227.3, and C227.4.

This standard applies to single-phase and three-phase, 60 Hz, liquid-filled distribution transformers, insulation class 34.5 kV or less, rated at 1000 kV•A or below for single-phase and at 3000 kV•A or below for three-phase.

This standard includes voltage ratings, kV•A ratings, certain mechanical characteristics, certain performance characteristics, and test procedures.

This standard also applies to self-protected transformers, with the exception of the protective equipment.

C2.2-06, 1st edition

Pole-Mounted, Single-Phase Distribution Transformers for Electric Utilities \$100

This standard specifies the requirements for distribution transformers intended primarily for operation by electric utilities.

This standard applies to single-phase, single-bushing, 60 Hz distribution transformers suitable for direct pole mounting and designed for operation on an effectively grounded wye system, Type ONAN, rated at 167 kV•A or below, with an insulation class of 25 kV or less.

This standard includes voltage ratings, kV•A ratings, certain mechanical characteristics, certain performance characteristics, and test procedures.

C22.1HB-06, 5th edition

CE Code Handbook, An Explanation of Rules of the CE Code, Part I \$95

This handbook provides background information on the reasons behind the requirements in the *Canadian Electrical Code, Part I*, and explains each Rule in plain, easy-to-understand language. The handbook is intended to provide a clearer understanding of the safety requirements of the Code.



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

C22.2 No. 66.1-06, 1st edition

Low Voltage Transformers — Part 1: General Requirements (bi-national standard with ANSI/UL 5085-1-2006, 1st edition)..... \$195

This standard covers the following types of transformers:

- air-cooled transformers and reactors for general use
- general purpose autotransformers
- ferroresonant transformers
- Class 2 and Class 3 transformers (these are evaluated in accordance with C22.2 No. 66.3)
- cord-connected transformers (these are evaluated in accordance with C22.2 No. 66.2)
- transformers incorporating overcurrent or over-temperature protective devices, transient voltage surge protectors, or capacitors
- permanently-connected transformers.

These transformers are intended to be used in accordance with the *Canadian Electrical Code, Part 1* (CSA C22.1), and the *National Electrical Code* (ANSI/NFPA 70).

C22.2 No. 66.2-06, 1st edition

Low Voltage Transformers — Part 2: General Purpose Transformers (bi-national standard with ANSI/UL 5085-2-2006, 1st edition)..... \$195

This standard covers the following types of transformers:

- air-cooled transformers and reactors for general use
- autotransformers
- ferroresonant transformers
- cord-connected transformers
- transformers incorporating overcurrent or over-temperature protective devices, transient voltage surge protectors, or capacitors.

These requirements do not cover Class 2 and Class 3 transformers (these are evaluated in C22.2 No. 66.3).

This standard is intended to be used in conjunction with C22.2 No. 66.1.

C22.2 No. 66.3-06, 1st edition

Low Voltage Transformers — Part 3: Class 2 and Class 3 Transformers (bi-national standard with ANSI/UL 5085-3-2006, 1st edition)..... \$195

This standard covers Class 2 transformers for use with Class 2 circuits in accordance with the *Canadian Electrical Code, Part 1* (CSA C22.1), and the *National Electrical Code* (ANSI/NFPA 70).

For transformers intended for use in the United States, these requirements also cover Class 3 transformers for use with Class 3 circuits in accordance with the *National Electrical Code* (ANSI/NFPA 70), unless otherwise specified in this standard.

This standard is intended to be used in conjunction with C22.2 No. 66.1.

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

CAN/CSA-C22.2 No. 257-06, 1st edition
Interconnecting Inverter-Based Micro-Distributed Resources to Distribution Systems..... \$50

This standard specifies the electrical requirements for safe interconnection of inverter-based micro-distribution resource (micro-DR) systems to low-voltage systems connected to distribution systems. The output of these systems is limited to 600 V (nominal) or less (single-phase or three-phase).

CAN/CSA-C22.2 No. 61029-2-9:06, 1st edition (bilingual)
Safety of transportable motor-operated electric tools — Part 2: Particular requirements for mitre saws (Adopted CEI/IEC 1029-2-9:1995, first edition, without modifications) \$55

This standard applies to transportable mitre saws, with a blade diameter not exceeding 400 mm, intended for cutting non ferrous metals such as aluminium, wood, and similar materials.

Tools combining the functions of mitre saws and circular saws are not covered by this standard.

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

CAN/CSA-C22.2 No. 61029-2-10:06, 1st edition
Safety of transportable motor-operated electric tools — Part 2-10: Particular requirements for cutting-off grinders (Adopted IEC 1029-2-10:1998, first edition, without modifications) \$80

This standard applies to cutting-off grinders intended mainly for cutting metal with a plain abrasive cutting-off wheel whose diameter does not exceed 406 mm and that has a rated peripheral speed not exceeding 80 m/s.

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

C227.3-06, 4th edition
Low-Profile, Single-Phase, Pad-Mounted Distribution Transformers with Separable Insulated High-Voltage Connectors..... \$100

This standard specifies the requirements for single-phase, pad-mounted distribution transformers with separable insulated high-voltage connectors and intended primarily for operation by electric utilities.

This standard applies to single-phase, pad-mounted, 60 Hz, liquid-filled distribution transformers with separable insulated high-voltage connectors designed for operating on an effectively grounded wye system, rated at 167 kV•A or less, with an insulation class of 18 kV or less, and suitable for mounting outdoors on pads without additional protective enclosures.

This standard includes voltage ratings, kV•A ratings, certain mechanical characteristics, certain performance characteristics, and test procedures.



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

C227.4-06, 2nd edition

Three-Phase, Pad-Mounted Distribution Transformers with Separable Insulated High-Voltage Connectors..... \$100

This standard specifies the requirements for three-phase, pad-mounted distribution transformers, consisting of a transformer and a cable entrance compartment with provision for separable insulated high-voltage connectors, intended primarily for operation by electric utilities on three-phase underground distribution systems.

This standard applies to three-phase, 60 Hz, pad-mounted, liquid-filled distribution transformers, rated at 3000 kV•A or less, with an insulation class of 18 kV or less, and with separable insulated high-voltage connectors. The transformers are suitable for mounting outdoors on pads without additional protective enclosures.

This standard includes voltage ratings, kV•A ratings, certain mechanical characteristics, certain performance characteristics, and test procedures.

C301.1, 2nd edition

Single-Phase Submersible Distribution Transformers \$65

This standard covers the features of single-phase submersible transformers rated 25 to 333 kV•A.

This standard applies only to three-phase distribution transformer units intended for use in a ventilated vault or enclosure below grade level, with all terminations and accessories cover-mounted, or nearly so, for operation above grade. This standard does not apply to the following:

- directly buried transformers in contact with the earth
- permanently submerged transformers
- network-type transformers.

C301.2, 2nd edition

Three-Phase Submersible Distribution Transformers..... \$65

This standard covers the features of three-phase submersible transformers rated 75 to 3000 kV•A.

This standard applies only to three-phase distribution transformer units intended for use in a ventilated vault or enclosure below grade level, with all terminations and accessories cover-mounted, or nearly so, for operation above grade. This standard does not apply to the following:

- directly buried transformers in contact with the earth
- permanently submerged transformers
- network-type transformers.

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

CAN/CSA-C61000-3-3:06, 1st edition (bilingual)

Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (Adopted CEI/IEC 61000-3-3:1994, edition 1.1 [2002-03], including Amendment 1:2001, with Canadian deviations)..... \$120

This standard covers the limitation of voltage fluctuations and flicker impressed on the public low-voltage system.

This standard specifies the limits of voltage changes that may be produced by equipment tested under specified conditions and gives guidance on methods of assessment.

CAN/CSA-C61000-3-11:06, 1st edition (bilingual)

Electromagnetic compatibility (EMC) — Part 3-11: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems — Equipment with rated current ≤ 75 A and subject to conditional connection (Adopted CEI/IEC 61000-3-11:2000, first edition, with Canadian deviations) \$75

This standard covers the limitation of voltage changes, voltage fluctuations, and flicker produced by equipment and impressed on the public low-voltage supply system.

This standard specifies the limits of voltage changes produced by equipment tested under specified conditions.

This standard applies primarily to electrical and electronic equipment having a rated input current from 16 A up to and including 75 A, that is intended to be connected to public low-voltage distribution systems having nominal system voltages between 220 V and 250 V, line-to-neutral at 50 Hz, and that is subject to conditional connection.

CAN/CSA-E60335-2-2:06, 2nd edition (bilingual)

Household and similar electrical appliances — Safety — Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (Adopted CEI/IEC 60335-2-2:2002, edition 5.1 [2004-11], including Amendment 1:2004, with Canadian deviations) \$110

This standard deals with the safety of electric vacuum cleaners and water-suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, with rated voltage of 250 V or less. It also applies to centrally-sited vacuum cleaners.

This standard also applies to motorized cleaning heads and current-carrying hoses associated with a particular vacuum cleaner.



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

CAN/CSA-E60335-2-3:06, 2nd edition

Household and similar electrical appliances — Safety — Part 2-3: Particular requirements for electric irons (Adopted IEC 60335-2-3:2002, edition 5.1 [2005-01], including Amendment 1:2004, with Canadian deviations) \$85

This standard deals with the safety of electric dry irons and steam irons, including those with a separate water reservoir or boiler having a capacity not exceeding 5 L, for household and similar purposes, with rated voltage of not more than 250 V.

CAN/CSA-E60335-2-5:06, 2nd edition (bilingual)

Household and similar electrical appliances — Safety — Part 2-5: Particular requirements for dishwashers (Adopted CEI/IEC 60335-2-5:2002, edition 5.1 [2005-03], including Amendment 1:2005, with Canadian deviations) \$90

This standard deals with the safety of electric dishwashers for household use that are intended for washing and rinsing dishes, cutlery, and other utensils, and that have rated voltage of not more than 250 V for single-phase appliances and 480 V for other appliances.

CAN/CSA-E60335-2-9:06, 2nd edition (bilingual)

Household and similar electrical appliances — Safety — Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (Adopted CEI/IEC 60335-2-9:2002, edition 5.1 [2004-03], including Amendment 1:2004, with Canadian deviations) \$130

This standard deals with the safety of electric portable appliances for household purposes that have a cooking function such as baking, roasting, and grilling, and that have rated voltage of not more than 250 V.

CAN/CSA-E60335-2-13:06, 2nd edition (bilingual)

Household and similar electrical appliances — Safety — Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances (Adopted CEI/IEC 60335-2-13:2002, edition 5.1 [2004-07], including Amendment 1:2004, with Canadian deviations) \$65

This standard deals with the safety of the following appliances, intended for household use only, their rated voltage being not more than 250 V:

- electric deep fat fryers having a recommended maximum quantity of oil not exceeding 5L
- frying pans, woks, and other appliances that use oil for cooking.

CAN/CSA-E60335-2-59:06, 2nd edition (bilingual)

Household and similar electrical appliances — Safety — Part 2-59: Particular requirements for insect killers (Adopted CEI/IEC 60335-2-59:2005, third edition, with Canadian deviations) \$70

This standard deals with the safety of electric insect killers for household and similar purposes, with rated voltage of not more than 250 V.

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

ANSI Z83.21-2005/CSA C22.2 No. 168-2005, 1st edition
Commercial Dishwashers \$535

This standard covers commercial, freestanding, under-counter, and counter-insert dishwashers, utensil-washers, and glass washers using water as the principal cleaning medium. These dishwashers use steam, gas, or electric heaters for heating water. Heated water is provided to a dishwasher by means of steam, gas, or electric heating systems integral to the appliance, or by a means not integral to the dishwasher that is provided at the installation site.

This standard covers the following:

- electric dishwashers rated 600V or less, installed in accordance with the *Canadian Electrical Code, Part 1* (CSA C22.1), and the *National Electrical Code* (NFPA 70)
- the gas-handling, gas-burning and gas-control features of gas-fired dishwashers having inputs of 400,000 Btu/hr (420 MJ/hr) or less, limited to 0.5 psig (3.45 kPa) inlet pressure, installed in accordance with the *Natural Gas and Propane Installation Code* (CAN/CSA B149.1) or the *National Fuel Gas Code* (ANSI Z223.2/NFPA 54), for use with natural gas, manufactured gas, mixed gas, propane gas, liquefied petroleum gases, or LP gas-air mixtures.

These requirements cover dishwashers intended for use in commercial establishments, such as kitchens in restaurants and hospitals, where they are not intended to be accessible to the public.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 106-05, 5^e édition
Fusibles à haut pouvoir de coupure (HRC-MISC) 70 \$

Cette norme s’applique aux fusibles HRC non renouvelables, à cartouche, limiteurs de courant de type HRCI-MISC (Forme I), d’un courant nominal maximal de 600 A et d’une tension nominale maximale de 600 V en courant alternatif et aux fusibles HRC non renouvelables, à cartouche, limiteurs de courant de type HRCII-MISC (Forme II), d’un courant nominal maximal de 1200 A et d’une tension nominale maximale de 600 V en courant alternatif, destinés à être utilisés conformément au *Code canadien de l’électricité, Première partie*.

C22.2 n° 244-05, 1^{re} édition
Tableaux de contrôle (norme trinationale comprenant la deuxième édition de la norme NMX-J-118/2-ANCE et la onzième édition de la norme UL 891)..... 310 \$

Cette norme s’applique aux tableaux de contrôle d’au plus 600 V destinés à être installés conformément au *Code canadien de l’électricité (CCÉ), Première partie*, au *National Electrical Code (NEC)*, ANSI/NFPA 70, et à la *Norme mexicaine sur les installations électriques (utilisation)*, NOM-001-SEDE.

Dans la présente norme, le terme «tableau de contrôle» désigne un tableau de contrôle à face isolée.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

C22.2 n° 244-05 (suite)

Cette norme ne s'applique pas aux types suivants de tableaux de contrôle : à préréglage ou à gradateur, à face sous tension, de commande ou d'électrification de chemin de fer ; elle ne s'applique pas non plus aux constructions destinées uniquement à tableaux de démarreurs.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.2 n° 257-06, 1^{re} édition

Interconnexion des ressources micro-décentralisées à onduleur à réseaux de distribution..... 50 \$

Cette norme énonce les exigences en matière d'électricité visant la sécurité de l'interconnexion des ressources micro-décentralisées (Rmicro-D) à onduleur à des réseaux basse tension branchés sur des réseaux de distribution. La tension nominale de ces systèmes n'excède pas 600 V (en monophasé ou en triphasé).

CAN/CSA-C22.2 n° 61029-2-9:06, 1^{re} édition (bilingue)

Sécurité des machines-outils électriques semi-fixes — Partie 2: Règles particulières pour les scies à onglet (norme CEI/IEC 1029-2-9:1995, première édition, adoptée sans modifications)..... 55 \$

Cette norme s'applique aux scies à onglet semi-fixes, destinées à couper des métaux non ferreux tels que l'aluminium, le bois et des matériaux analogues, et ayant un diamètre de lame maximal de 400 mm.

Les machines-outils combinant les fonctions de scie à onglet et de scie circulaire ne sont pas comprises dans le domaine d'application de la présente norme.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C61000-3-3:06, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM) — Partie 3-3: Limites — Limitation des variations de tension, des fluctuations de tension et du papillotement dans les réseaux publics d'alimentation basse tension, pour les matériels ayant un courant assigné ≤ 16 A par phase et non soumis à un raccordement conditionnel (norme CEI/IEC 61000-3-3:1994, édition 1.1 [2002-03], comprenant l'amendement 1:2001, adoptée avec exigences propres au Canada) 130 \$

Cette norme traite des limitations des fluctuations de tension et du flicker appliqués sur le réseau de distribution public basse tension.

Cette norme spécifie les limites des variations de tension pouvant être produites par un équipement essayé dans des conditions spécifiées et formule des recommandations pour les méthodes d'évaluation.

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-C61000-3-11:06, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM) — Partie 3-11: Limites — Limitation des variations de tension, des fluctuations de tension et du papillotement dans les réseaux publics d'alimentation basse tension — Équipements ayant un courant appelé ≤ 75 A et soumis à un raccordement conditionnel (norme CEI/IEC 61000-3-11:2000, première édition, adoptée avec exigences propres au Canada)..... 75 \$

Cette norme traite des variations de tension, des fluctuations de tension et du papillotement (ou flicker) émis par des équipements et véhiculés par le réseau public d'alimentation basse tension.

Cette norme spécifie les limites des variations de tension produites par des équipements soumis à des essais dans des conditions déterminées.

Cette norme s'applique en premier lieu aux équipements électriques et électroniques absorbant un courant assigné compris entre 16 A et 75 A (y compris cette dernière valeur), destinés à être raccordés à des réseaux publics de distribution à basse tension présentant une tension nominale phase-neutre comprise entre 220 V et 250 V à 50 Hz, et soumis à un raccordement conditionnel.

CAN/CSA-E60335-2-2:06, 2^e édition (bilingue)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-2: Règles particulières pour les aspirateurs et les appareils de nettoyage à aspiration d'eau (norme CEI/IEC 60335-2-2:2002, édition 5.1 [2004-11], comprenant l'amendement 1:2004, adoptée avec exigences propres au Canada) 110 \$

Cette norme traite de la sécurité des aspirateurs et des appareils de nettoyage à aspiration d'eau électriques pour usages domestiques et analogues, y compris les aspirateurs pour les soins des animaux, dont la tension assignée n'est pas supérieure à 250 V. Elle s'applique également aux aspirateurs à unité centrale d'aspiration.

Cette norme s'applique aux têtes de nettoyage motorisées et aux flexibles conducteurs associés à un aspirateur donné.

CAN/CSA-E60335-2-5:06, 2^e édition (bilingue)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-5: Règles particulières pour les lave-vaisselle (norme CEI/IEC 60335-2-5:2002, édition 5.1 [2005-03], comprenant l'amendement 1:2005, adoptée avec exigences propres au Canada)..... 90 \$

Cette norme traite de la sécurité des lave-vaisselle électriques à usages domestiques destinés à laver et à rincer la vaisselle, les couverts et d'autres ustensiles, dont la tension assignée n'est pas supérieure à 250 V pour les appareils monophasés et à 480 V pour les autres appareils.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-E60335-2-9:06, 2^e édition (bilingue)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-9: Règles particulières pour les grils, les grille-pain et appareils de cuisson mobiles analogues (norme CEI/IEC 60335-2-9:2002, édition 5.1 [2004-03], comprenant l'amendement 1:2004, adoptée avec exigences propres au Canada) 130 \$

Cette norme traite de la sécurité des appareils mobiles électriques à usage domestique ayant une fonction de cuisson telle que cuisson au four, rôtissage et grillage, et dont la tension assignée n'est pas supérieure à 250 V.

CAN/CSA-E60335-2-13:06, 2^e édition (bilingue)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-13: Règles particulières pour les friteuses, les poêles à frire et appareils analogues (norme CEI/IEC 60335-2-13:2002, édition 5.1 [2004-07], comprenant l'amendement 1:2004, adoptée avec exigences propres au Canada) 65 \$

Cette norme traite de la sécurité des friteuses, poêles à frire et autres appareils électriques dans lesquels l'huile est utilisée pour la cuisson, destinés uniquement à des usages domestiques et dont la tension assignée n'est pas supérieure à 250 V.

Cette norme traite de la sécurité des friteuses dont la quantité d'huile maximale recommandée ne dépasse pas 5 l, des poêles à frire, des woks et autres appareils électriques dans lesquels l'huile est utilisée pour la cuisson, destinés uniquement à des usages domestiques, et dont la tension assignée n'est pas supérieure à 250 V.

CAN/CSA-E60335-2-59:06, 2^e édition (bilingue)

Appareils électrodomestiques et analogues — Sécurité — Partie 2-59: Règles particulières pour les destructeurs d'insectes (norme CEI/IEC 60335-2-59:2005, troisième édition, adoptée avec exigences propres au Canada) 70 \$

Cette norme traite de la sécurité des destructeurs d'insectes électriques, pour usages domestiques et analogues, dont la tension assignée n'est pas supérieure à 250 V.

Amendments

CAN/CSA-C22.2 No. 14-05

Industrial Control Equipment

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

C22.2 No. 18.3-04

Conduit, Tubing, and Cable Fittings

Revision of the title page, the copyright page, the Contents, the Preface, Clauses 2.2, 7.12.3, and 8.9, Table 21, and Annex A. Addition of Clauses 8.13.6, 8.14.6, 8.16.9, 8.17.10, and 8.21.10. Deletion of the ANCE Foreword, the UL Foreword, and Clause 7.15.

Amendments (cont'd)

CAN/CSA-C22.2 No. 214-02

Communications Cables

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

CAN/CSA-E1029-2-1A:2006

Amendment 1:2006 to CAN/CSA-E1029-2-1-94, "Safety of transportable motor-operated electric tools — Part 2-1: Particular requirements for circular saws"

(Adopted Amendment 1:1999 to CEI/IEC 1029-2-1:1993, without modification)\$ 25

This document provides revisions to CAN/CSA-E1029-2-1-94.

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

CAN/CSA-E1029-2-1B:2006 (bilingual)

Amendment 2:2006 to CAN/CSA-E1029-2-1-94, "Safety of transportable motor-operated electric tools — Part 2-1: Particular requirements for circular saws"

(Adopted Amendment 2:2001 to CEI/IEC 1029-2-1:1993, without modification)\$ 25

This document provides revisions to CAN/CSA-E1029-2-1-94.

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

CAN/CSA-E1029-2-3A:2006 (bilingual)

Amendment 1:2006 to CAN/CSA-E1029-2-3-94, "Safety of transportable motor-operated electric tools — Part 2-3: Particular requirements for planers and thicknessers"

(Adopted Amendment 1:2001 to CEI/IEC 1029-2-3:1993, without modification)\$ 25

This document provides revisions to CAN/CSA-E1029-2-3-94.

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

CAN/CSA-E1029-2-4A:2006

Amendment 1:2006 to CAN/CSA-E1029-2-4-94, "Safety of transportable motor-operated electric tools — Part 2-4: Particular requirements for bench grinders"

(Adopted Amendment 1:2001 to CEI/IEC 1029-2-4:1993, without modification)\$ 45

This document provides revisions to CAN/CSA-E1029-2-4-94.

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

CAN/CSA-E1029-2-5A:2006

Amendment 1:2006 to CAN/CSA-E1029-2-5-94, "Safety of transportable motor-operated electric tools — Part 2-5: Particular requirements for band saws"

(Adopted Amendment 1:2001 to CEI/IEC 1029-2-5:1993, without modification)\$ 45

This document provides revisions to CAN/CSA-E1029-2-5-94.

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



Modifications publiées en français

CAN/CSA-C22.2 n° 14-05

Appareillage industriel de commande

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-C22.2 n° 214-02

Câbles de télécommunications

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

CAN/CSA-E1029-2-1B:2006 (bilingue)

Modification 2:2006 à la norme CAN/CSA-E1029-2-1-94, « Sécurité des machines-outils électriques semi-fixes — Partie 2-1: Règles particulières pour les scies circulaires » (norme CEI/IEC 1029-2-1:1993, amendement n° 2:2001, adoptée sans modification)..... 25 \$

Ce document renferme des modifications à la CAN/CSA-E1029-2-1-94.

Cette norme est offerte en format PDF seulement.

CAN/CSA-E1029-2-3A:2006 (bilingue)

Modification 1:2006 à la norme CAN/CSA-E1029-2-3-94, « Sécurité des machines-outils électriques semi-fixes — Partie 2-3: Règles particulières pour les dégauchisseuses et les raboteuses » (norme CEI/IEC 1029-2-3:1993, amendement n° 1:2001, adoptée sans modification) 25 \$

Ce document renferme des modifications à la CAN/CSA-E1029-2-3-94.

Cette norme est offerte en format PDF seulement.

CAN/CSA-E1029-2-5A:2006 (bilingue)

Modification 1:2006 à la norme CAN/CSA-E1029-2-5-94, « Sécurité des machines-outils électriques semi-fixes — Partie 2-5: Règles particulières pour les scies à ruban » (norme CEI/IEC 1029-2-5:1993, amendement n° 1:2001, adoptée sans modification)..... 45 \$

Ce document renferme des modifications à la CAN/CSA-E1029-2-5-94.

Cette norme est offerte en format PDF seulement.



Endorsed Standards

IEC 60085 (2004)

Electrical insulation — Thermal classification

IEC 60216-2 – Ed 4.0 (2005)

Electrical insulating materials — Thermal endurance properties — Part 2: Determination of thermal endurance properties of electrical insulating materials — Choice of test criteria

IEC 60371-2 – Ed 3.0 (2004)

Specification for insulating materials based on mica — Part 2: Methods of test

IEC 60450 – Ed 2.0 (2004)

Measurement of the average viscometric degree of polymerization of new and aged cellulosic electrically insulating materials

IEC 60641-2 – Ed 2.0 (2004)

Pressboard and presspaper for electrical purposes — Part 2: Methods of test

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 July 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:

- **C22.2 No. 41, 5th edition**
Grounding and Bonding Equipment

Proposed Amendments

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

- **C22.2 No. 218.1-M89**
Spas, Hot Tubs and Associated Equipment
Revision of various clauses.



Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
March 20, 2006	Guidelines for use of the CSA label for Wire and Cable bearing more than one CSA Type Designation.	Wire and Cable No. 122

Certification Notices

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

Effective Date	Subject	Title
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
► July 28, 2006	Publication of CSA standard C22.2 No. 144.1-06, <i>Ground Fault Circuit Interrupters</i> .	Ground Fault Circuit Interrupters No. 5
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



Certification Notices (cont'd)

Effective Date	Subject	Title
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
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



Certification Notices (cont'd)

Effective Date	Subject	Title
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

New Standards – New Editions – Special Publications

B140.10-06, 2nd edition

Oil-Fired Warm-Air Heating Appliances for Mobile Housing and Recreational Vehicles..... \$55

This standard applies to oil-fired forced warm-air heating appliances for installation in mobile housing and recreational vehicles, irrespective of the heating capacity or the type of burner used.

This standard applies to appliances with fuel supplies that may be located remotely or at the appliance.

C828-06, 2nd edition

Performance Requirements for Thermostats Used with Individual Room Electric Space Heating Devices \$55

This standard specifies requirements for thermostat models intended for line-voltage (120 to 240 V) switching of a controlled resistive heating load. It includes single-pole and double-pole thermostats that control their load by fast or slow ON/OFF switching. The following models are covered by this standard:

- wall-mounted line-voltage thermostats
- built-in line-voltage thermostats (up to 1500 W)
- two-component thermostats.

This standard's requirements apply only to local zone thermostats; they do not apply to central heating units under the control of a single thermostat or to thermostats used exclusively to control radiant heating systems.

This standard specifies performance requirements covering thermal regulation and power line quality. The terminal regulation requirements are based on testing in a dual-climate test chamber. The power line quality requirements establish the level of emissions that may be generated by line-voltage thermostats and the extent of line-voltage thermostat susceptibility to electromagnetic disturbances that can be present on power lines.

Z245.6-06, 4th edition

Coiled Aluminum Line Pipe and Accessories..... \$150

This standard specifies requirements for coiled aluminum line pipe and accessories primarily intended for use in oil and gas pipeline systems.



Under Development

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:

- **C802.1, 2nd edition**
Minimum Efficiency Values for Liquid-Filled Distribution Transformers

For more information about the proposed development of the following new project, contact Sudi Kalra at 416-747-2794 or sudi.kalra@csa.ca:

- **Z276, 8th edition**
Liquefied Natural Gas (LNG) — Production, Storage, and Handling

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



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

CAN/CSA-ISO 14064-1:06, 1st edition

Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (Adopted ISO 14064-1:2006, first edition, without modification) \$95

This part of 14064 specifies principles and requirements at the organization level for quantification and reporting of greenhouse gas (GHG) emissions and removals. It includes requirements for the design, development, management, reporting, and verification of an organization’s GHG inventory.

CAN/CSA-ISO 14064-2:06, 1st edition

Greenhouse gases — Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements (Adopted ISO 14064-2:2006, first edition, without modification) \$110

This part of 14064 specifies principles and requirements and provides guidance at the project level for quantification, monitoring, and reporting of activities intended to cause greenhouse gas (GHG) emission reductions or removal enhancements. It includes requirements for planning a GHG project; identifying and selecting GHG sources, sinks, and reservoirs relevant to the project and baseline scenario; monitoring, quantifying, documenting, and reporting GHG project performance; and managing data quality.

CAN/CSA-ISO 14064-3:06, 1st edition

Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions (Adopted ISO 14064-3:2006, first edition, without modification) \$125

This part of 14064 specifies principles and requirements and provides guidance for those conducting or managing the validation and/or verification of greenhouse gas (GHG) assertions. It can be applied to organizational or GHG project quantification, including GHG quantification, monitoring, and reporting carried out in accordance with CAN/CSA-ISO 14064-1 or CAN/CSA-ISO 14064-2.

This part of 14064 specifies requirements for selecting GHG validators/verifiers; establishing the level of assurance, objectives, criteria and scope; determining the validation/verification approach; assessing GHG data, information, information systems, and controls; evaluating GHG assertions; and preparing validation/verification statements.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-ISO 14064-1:06, 1^{re} édition

Gaz à effet de serre — Partie 1: Spécifications et lignes directrices, au niveau des organismes, pour la quantification et la déclaration des émissions et des suppressions des gaz à effet de serre (norme ISO 14064-1:2006, première édition, adoptée sans modifications) 95 \$

La présente partie de la 14064 spécifie les principes et les exigences, au niveau des organismes, pour la quantification et la rédaction de rapports sur les émissions de gaz à effet de serre (GES) et leur suppression. Elle comprend des exigences pour la conception, la mise au point, la gestion, la rédaction de rapports et la vérification de l'inventaire des GES d'un organisme.

CAN/CSA-ISO 14064-2:06, 1^{re} édition

Gaz à effet de serre — Partie 2: Spécifications et lignes directrices, au niveau des projets, pour la quantification, la surveillance et la déclaration des réductions d'émissions ou d'accroissements de suppressions des gaz à effet de serre (norme ISO 14064-2:2006, première édition, adoptée sans modifications) 110 \$

La présente partie de la 14064 spécifie des principes et des exigences, et fournit des lignes directrices du projet pour la quantification, la surveillance et l'établissement de rapports sur les activités visant à réduire les émissions de gaz à effet de serre (GES) ou à accroître leur suppression lors des projets. La présente partie de la 14064 comprend des exigences pour la planification d'un projet GES, l'identification et la sélection des sources, des puits et des réservoirs de GES pertinents pour le projet et le scénario de référence, pour la surveillance, la quantification, la documentation et le rapport de réalisation du projet GES ainsi que pour la gestion de la qualité des données.

CAN/CSA-ISO 14064-3:06, 1^{re} édition

Gaz à effet de serre — Partie 3: Spécifications et lignes directrices pour la validation et la vérification des déclarations des gaz à effet de serre (norme ISO 14064-3:2006, première édition, adoptée sans modifications) 125 \$

La présente partie de la 14064 spécifie des principes et des exigences et fournit des lignes directrices à l'intention des personnes qui effectuent ou gèrent la validation et/ou la vérification des déclarations des gaz à effet de serre (GES). Elle peut s'appliquer à la quantification des émissions GES d'un organisme ou d'un projet, y compris la quantification, la surveillance et la déclaration des GES effectuées conformément à la 14064-1 ou la 14064-2.

La présente partie de la 14064 spécifie des exigences pour la sélection des validateurs/vérificateurs GES, l'établissement du niveau d'assurance, des objectifs, des critères et du domaine d'application, la détermination de la méthode de validation/vérification, l'évaluation des données, informations, systèmes d'informations et contrôles GES, l'évaluation des déclarations GES et l'élaboration des avis de validation/vérification.



Withdrawn Standards

PLUS 1107 (R2001)

User's Guide to Environmental Life Cycle Assessment: Conceptual LCA in Practice

PLUS 1109

Environmental Terminology for Canadian Business

PLUS 1115 (R2001)

Life Cycle Review (LCR)

PLUS 1118

Competing Leaner, Keener and Greener: A Small Business Guide to ISO 14000 — Instructor's Guide

PLUS 1119-97

Life Cycle Impact Assessment Methodology for the Production Phase of the Pulp and Paper Life Cycle

PLUS 1141

Managing the Regulatory Requirements Facing the Canadian Aquaculture Industry

PLUS 1144-98

Evaluating Environmental Performance: Indicators and Measures — A Small Business Guide

PLUS 9015

Interpretations — CSA Sustainable Forest Management Standards CAN/CSA-Z808-96 and CAN/CSA-Z809-96

PLUS 9015S1-98

Supplement No. 1 to PLUS 9015

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 July 11, 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 14025, 1st edition**

Environmental Labels and Declarations — Type III Environmental Declarations



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Gas Technician Training 3 – Module 4A, 3rd edition

Utilization Codes, Acts, and Regulations — Ontario Supplement..... \$40

This supplement is intended to augment Module 4 of the CSA Gas Technician 3 Training Materials. It contains materials specific to Ontario that correspond to the *Technical Standards and Safety Act* and the Regulations made under the Act pertaining to natural gas and propane equipment installations.

PLUS 1200

Guide to Energy Efficiency Compliance, Verification, and Ratings for Water Heaters \$60

This guide specifies verification methods for compliance with the Government of Canada's *Energy Efficiency Regulations* as well as methods for establishing energy efficiency ratings for water heaters. This guide is aimed at certification bodies that have been accredited to administer verification programs, at dealers and manufacturers, and at other organization and businesses that consider the energy efficiency of water heaters. This guide specifies criteria and methods related to the compliance, verification, and rating of water heaters, including testing, analysis of test results, retesting, sampling, and reporting.

This guide applies to the following:

- gas-fired storage water heaters that have an input rating less than or equal to 21.98 kW (75 000 Btu/h) and a storage capacity of 76 to 380 L (20 to 100 US gal). Gas-fired storage water heaters are to be tested in accordance with CAN/CSA-P.3.
- oil-fired storage water heaters that have an input rating less than or equal to 107 000 kJ/h (104 100 Btu/h) and a storage capacity of 190 L (50 US gal) or less. Oil-fired water heaters are to be tested in accordance with CAN/CSA-B211.
- electric storage water heaters that have a storage capacity of 50 to 454 L (11 to 100 imperial gal). Electric water heaters are to be tested in accordance with CAN/CSA-C191 to determine standby heat loss (in watts).
- gas-fired instantaneous water heaters that have an input rating greater than 14.65 kW (50 000 Btu/h) and less than 58.61 kW (200 000 Btu/h), are designed to deliver water at a controlled temperature of less than 82 °C (180 °F), and have a storage capacity of less than 7.57 L (2 US gal). Gas-fired instantaneous water heaters are to be tested in accordance with CAN/CSA-P.7.



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

ANSI Z83.21-2005/CSA C22.2 No. 168-2005, 1st edition

Commercial Dishwashers \$535

This standard covers commercial, freestanding, under-counter, and counter-insert dishwashers, utensil-washers, and glass washers using water as the principal cleaning medium. These dishwashers use steam, gas, or electric heaters for heating water. Heated water is provided to a dishwasher by means of steam, gas, or electric heating systems integral to the appliance, or by a means not integral to the dishwasher that is provided at the installation site.

This standard covers the following:

- electric dishwashers rated 600V or less, installed in accordance with the *Canadian Electrical Code, Part 1* (CSA C22.1), and the *National Electrical Code* (NFPA 70)
- the gas-handling, gas-burning and gas-control features of gas-fired dishwashers having inputs of 400,000 Btu/hr (420 MJ/hr) or less, limited to 0.5 psig (3.45 kPa) inlet pressure, installed in accordance with the *Natural Gas and Propane Installation Code* (CAN/CSA B149.1) or the *National Fuel Gas Code* (ANSI Z223.2/NFPA 54), for use with natural gas, manufactured gas, mixed gas, propane gas, liquefied petroleum gases, or LP gas-air mixtures.

These requirements cover dishwashers intended for use in commercial establishments, such as kitchens in restaurants and hospitals, where they are not intended to be accessible to the public.

Amendments

CAN/CSA-P.3-04

Testing Method for Measuring Energy Consumption and Determining Efficiencies of Gas-Fired Storage Water Heaters

Revision of the Contents and Clauses 3.8 and 5.4.1.

ANSI Z21.10.1b-2006/CSA 4.1b-2006

Addenda B to “*Gas Water Heaters — Volume 8, Storage Water Heaters with Input Ratings of 75,000 Btu per Hour or Less*”\$80

This document provides revisions to ANSI Z21.10.1-2004/CSA 4.1-2004 and ANSI Z21.10.1a-2006/CSA 4.1a-2006.

Modifications publiées en français

CAN/CSA-P.3-04

Méthode d’essai pour mesurer la consommation d’énergie et le rendement énergétique des chauffe-eau au gaz à accumulation

Des modifications ont été apportées à la table des matières et aux articles 3.8 et 5.4.1.



Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
June 1, 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

**Certification Notices (cont'd)**

Effective Date	Subject	Title
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
August 1, 2006	Publication of 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/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
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



Certification Notices (cont'd)

Effective Date	Subject	Title
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



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Z76.1-06, 4th edition

Reclosable Child-Resistant Packages \$70

This standard applies to reclosable child-resistant packages for drugs and other substances in liquid or solid form. Such packages include (but are not limited to) packages with a continuous-thread, lug-finish, or snap closure.

This standard includes requirements for the construction, performance, child-resistant effectiveness, younger-adult-use effectiveness, senior-adult-use effectiveness, and marking of child-resistant packages, and for the instructions to be provided with such packages.

This standard provides the minimum level of physical tests for ensuring that subsequent production lots comply with this standard.

Z107.10-06, 1st edition

Guide for the Use of Acoustical Standards in Canada \$50

This guide describes international acoustical and noise control standards recommended for use in Canada. In addition, recommendations are provided for the appropriate application and use of each standard.

The acoustical and noise control standards described in this guide are from the following acoustical fields:

- terminology
- building acoustics
- acoustical measuring equipment and calibration
- environmental noise
- hearing measurement and protection
- human exposure to vibration
- industrial noise
- noise from powered machines — construction and agriculture
- transportation noise.

Z107.56-06, 3rd edition

Procedures for the Management of Occupational Noise Exposure \$55

This standard describes procedures for determining the occupational noise exposure level of workers ($L_{ex,T}$) using sampling techniques. $L_{ex,T}$ represents the long-term noise exposure of workers and is calculated from measurements of $L_{eq,t}$ in the workplace.

This standard provides procedures for measuring the occupational noise exposure from all types of noise; e.g., continuous noise, tonal noise, and impulsive noise. All types of noise (including impulsive noise) are included in a single equivalent sound level for an individual or group.



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

Z259.10-06, 2nd edition

Full Body Harnesses..... \$60

This standard specifies requirements for the performance, design, testing, marking, and information for use of full body harnesses. Full body harnesses are intended for use as body supports in personal fall arrest systems and in other work situations that involve the risk of falling.

CAN/CSA-Z600-06, 2nd edition

Safety of Corded Window Covering Products (adopted ANSI/WCMA A100.1-2002, with Canadian deviations)..... \$50

This standard applies to all interior drapery hardware and window covering products that incorporate bead chains, cords, or any type of flexible looped device in their operation. The items covered include the following products, when used in all reasonably foreseeable environments where young children are present:

- cellular shades
- horizontal blinds
- pleated shades
- roll-up blinds
- roller shades
- roman shades
- traverse rods
- vertical blinds.

The objective of this standard is to provide requirements for covered products that reduce the possibility of injury (including strangulation) to young children from the bead chain, cord, or flexible loop device used to operate the product.

Z617-06, 1st edition

Personal Protective Equipment (PPE) for Blunt Trauma \$65

This standard applies to personal protective apparel intended to provide protection to the torso, arms, and legs, including joints, of correctional officers and law enforcement personnel from blows with blunt objects (e.g., rocks, stones, glass bottles, pipes, baseball bats, wooden planks, etc.) during riots and inmate control situations, and in any other situation in which there is a threat of violent attack on the torso, arms, and legs.

Z1000-06, 1st edition

Occupational Health and Safety Management..... \$90

This standard specifies requirements for an occupational health and safety management system (OHSMS). This standard applies to an organization of any size or type.

This standard is intended to address occupational health and safety. It is not intended to address product and services safety.

New Standards – New Editions – Special Publications (cont'd)**CAN/CSA-Z8835-4-06, 1st edition***Inhalational anaesthesia systems — Part 4: Anaesthetic vapour delivery devices*

(Adopted ISO 8835-4:2004, first edition, with Canadian deviations) \$85

This standard specifies particular requirements for the essential performance of anaesthetic vapour delivery devices (AVDDs). (An AVDD is a device that provides the vapour of an anaesthetic agent in a controllable concentration.) This standard applies to AVDDs that are a component of an anaesthetic system and that are intended to be continuously operator-attended. This standard gives specific requirements for AVDDs that supplement the applicable general requirements in CAN/CSA-C22.2 No. 60601-2-13.

This standard does not apply to AVDDs intended for use with flammable anaesthetics, or AVDDs intended for use within anaesthetic breathing systems (e.g., draw-over vaporizers).

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

Z275.1-05, 4^e édition*Caissons hyperbares*..... 55 \$

Cette norme s'applique aux caissons hyperbares dont le but premier est de soumettre des être humains à une pression supérieure à une atmosphère, en unité absolue, pour la plongée sous-marine, les travaux dans une atmosphère d'air comprimé, les traitements médicaux, la formation et la recherche.

Cette norme établit les exigences minimales visant l'exploitation, l'utilisation, la conception, la construction, l'entretien et la mise à l'essai des caissons hyperbares.

CAN/CSA-Z600-06, 2^e édition*Sécurité des couvre-fenêtres à cordon* (norme ANSI/WCMA A100.1-2002,

adoptée avec exigences propres au Canada) 50 \$

Cette norme vise tous les couvre-fenêtres intérieurs et leur quincaillerie dont les dispositifs d'ouverture et de fermeture comprennent des chaînettes, des cordons ou autres anneaux flexibles. Les dispositifs visés comprennent les produits suivants, s'ils sont utilisés dans des environnements où peuvent se trouver de jeunes enfants :

- stores cellulaires
- stores horizontaux
- stores plissés
- stores à enroulement manuel
- stores à enroulement automatique
- stores romains
- tringles à rideaux
- stores verticaux.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-Z600-06 (suite)

Cette norme vise à fournir des exigences sur les produits visés afin de réduire, chez les jeunes enfants, les risques de blessure, y compris la strangulation, que présentent les chaînettes, les cordons ou autres anneaux flexibles utilisés pour ouvrir ou fermer les couvre-fenêtres.

CAN/CSA-Z8835-4-06, 1^{re} édition

Systèmes d'anesthésie par inhalation — Partie 4: Dispositifs d'administration de vapeur anesthésique (norme ISO 8835-4:2004, première édition, adoptée avec exigences propres au Canada) 85 \$

Cette norme spécifie des exigences particulière qui s'appliquent aux performances essentielles des dispositifs d'administration de vapeur anesthésique (DAVA), à savoir dispositif qui délivre la vapeur d'un agent anesthésique avec une concentration réglable. Cette norme couvre les DAVA qui font partie d'un système d'anesthésie et sont conçus pour être sous la surveillance continue d'un opérateur. Les exigences particulières aux DAVA de cette norme s'ajoutent aux exigences générales applicables de la CAN/CSA-C22.2 n° 60601-2-13.

Cette norme ne couvre pas les DAVA conçus pour être utilisés avec des anesthésiques inflammables, ni ceux conçus pour être utilisés dans des systèmes respiratoires d'anesthésie (par exemple les systèmes à alimentation en vapeur).

Amendments

B44S1-06

Supplement No. 1 to B44-04, "Safety Code for Elevators and Escalators"

Revision of Sections 1–3, and 8. Addition of Appendices Q and R.

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

Reaffirmed Standards

CAN/CSA-Z234.1-00 (R2006)

Metric Practice Guide

CAN/CSA-Z256-M87 (R2006)

Safety Code for Material Hoists

CAN/CSA-Z259.12-01 (R2006)

Connecting Components for Personal Fall Arrest Systems (PFAS)

Withdrawn Standards

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 10993-5:1998, second edition, without modification)

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 July 11, 2006.

Draft Standards

To receive copies of the following draft standards, or to offer comments, contact Mike Dodd at 416-747-2322 or mike.dodd@csa.ca:

- **B339, 5th edition**
Cylinders, Spheres, and Tubes for the Transportation of Dangerous Goods
- **B340, 5th edition**
Selection and Use of Cylinders, Spheres, and Tubes for the Transportation of Dangerous Goods, Class 2

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**



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Mississauga – Sales

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Mississauga, Ontario
L4W 5N6
CANADA

Telephone: 416-747-4044
1-800-463-6727
Fax: 416-747-2510
email: sales@csa.ca

Montreal – Sales

865, rue Ellingham
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