



INFO\UPDATE

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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.

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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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards. 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/PleaseIdentifyYourself.asp?Language=EN>.

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 <http://www.csa.ca>. Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

▼ **Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français**

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

▼ **Amendments**

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

▼ **Modifications publiées en français**

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

▼ **Adopted Standards**

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

▼ **Endorsed Standards**

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

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail gic@ihscanada.ca;

Website <http://www.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

The *Under Development* section formerly published in *Info Update* is now available directly on the CSA website. This enhancement allows us to provide you with these important notifications on a more timely basis. To visit the new "Current Standards Activities" page, go to:

<http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

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 416-747-2488, or fax 416-747-4173.



Construction Products and Materials

A660-10, 3rd edition

Certification of Manufacturers of Steel Buildings

O112.9-10, 2nd edition

Evaluation of Adhesives for Structural Wood Products (Exterior Exposure)

PLUS 4010-09, 1st edition

Technical Guide: Performance Improvement for Small and Medium Sized Water Utilities



Produits et matériaux de construction

G30.18-09, 2^e édition

Barres d'acier au carbone pour l'armature du béton



Electrical/Electronics

C49.8-09, 1st edition

Bare Overhead Aluminum Conductors for Distribution Applications

C68.9-09, 1st edition

Covered overhead distribution line wire



Energy

C282-09, 5th edition

Emergency Electrical Power Supply for Buildings

C282 LOGBOOK-09

Emergency Electrical Power Supply for Buildings — Maintenance Logbook



Énergie

C867.2-09, 1^{re} édition

Performance des jeux de lumières décoratifs



Environment

CAN/CSA-Z24510-10, 1st edition

Activities relating to drinking water and wastewater services — Guidelines for the assessment and for the improvement of the service to users (Adopted ISO 24510:2007, first edition, 2007-12-01, with Canadian deviations)

CAN/CSA-Z24511-10, 1st edition

Activities relating to drinking water and wastewater services — Guidelines for the management of wastewater utilities and for the assessment of wastewater services (Adopted ISO 24511:2007, first edition, 2007-12-01, with Canadian deviations)

CAN/CSA-Z24512-10, 1st edition

Activities relating to drinking water and wastewater services — Guidelines for the management of drinking water utilities and for the assessment of drinking water services (Adopted ISO 24512:2007, first edition, 2007-12-01, with Canadian deviations)



Gas Equipment

ANSI Z21.13-2010/CSA 4.9-2010, 3rd edition

Gas-Fired Low Pressure Steam and Hot Water Boilers

ANSI Z21.97-2010, 1st edition

Outdoor Decorative Gas Appliances

B149.1-10, 14th edition

Natural Gas and Propane Installation Code

B149.2-10, 10th edition

Propane Storage and Handling Code

B149.3-10, 4th edition

Code for the Field Approval of Fuel-related Components on Appliances and Equipment

B149.5-10, 4th edition

Installation Code for Propane Fuel Systems and Tanks on Highway Vehicles



Life Sciences

CAN/CSA-C22.2 No. 80601-2-30-10, 1st edition (bilingual)

Medical electrical equipment — Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers (Adopted IEC 80601-2-30:2009, first edition, 2009-01, without modification)

CAN/CSA-ISO 15077-10, 1st edition

Tractors and self-propelled machinery for agriculture — Operator controls — Actuating forces, displacement, location and method of operation (Adopted ISO 15077:2008, first edition, 2008-01-15, without modification)

Life Sciences (cont'd)

Z32-09, 3rd edition

Electrical Safety and Essential Electrical Systems in Health Care Facilities

CAN/CSA-Z17510-1-10, 2nd edition

Sleep apnoea breathing therapy — Part 1: Sleep apnoea breathing therapy equipment (Adopted ISO 17510-1:2007, second edition, 2007-10-01, with Canadian deviations)



Sciences de la vie

B167-08, 3^e édition

Ponts roulants : conception, inspection, mise à l'essai, entretien et utilisation sécuritaire

CAN/CSA-C22.2 n° 80601-2-30-10, 1^{re} édition (bilingue)

Appareils électromédicaux — Partie 2-30 : Exigences particulières pour la sécurité de base et les performances essentielles des sphymomanomètres non invasifs automatiques (norme CEI 80601-2-30:2009, première édition, 2009-01, sans modification)

Z262.1-09, 5^e édition

Casques de hockey sur glace



Quality / Business Management

CAN/CSA-ISO 31000-10, 1st edition

Risk management — Principles and Guidelines (Adopted ISO 31000:2009, first edition, 2009-11-15, without modification)



Qualité / Gestion et production

CAN/CSA-ISO 31000-10, 1^{re} édition

Management du risque — Principes et lignes directrices (norme ISO 31000:2009 adoptée, première édition, 2009-11-15, sans modifications)



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



Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

A660-10, 3rd edition

Certification of Manufacturers of Steel Building Systems

Paper	\$70
PDF	\$70

This standard applies to the certification of manufacturers of steel building systems. It prescribes the procedure for certification based on an audit of a manufacturer’s plants and facilities by the certification body.

This standard provides the requirements for a certificate of design and manufacturing conformance for each steel building system supplied by a certified manufacturer.

Note: This should not be construed as third-party certification of the steel building system.

O112.9-10, 2nd edition

Evaluation of Adhesives for Structural Wood Products (Exterior Exposure)

Paper	\$110
PDF	\$110

This standard specifies requirements for evaluating adhesives used to bond solid wood materials in structural wood products designed for exterior applications.

This standard specifies requirements for evaluating the resistance of adhesives to:

- shear caused by compression loading, under both wet and dry conditions
- delamination during accelerated exposure to wetting and drying
- deformation under static shear loading during exposure to heat, high humidity, or combined heat and high humidity.

This standard does not apply to adhesives intended for below-ground, ground-contact, or marine service applications.

This standard is not intended for the assessment of the effects of chemical treatments of wood on adhesive performance.

PLUS 4010-09, 1st edition

Technical Guide: Performance Improvement for Small and Medium Sized Water Utilities

Paper	\$65
PDF	\$65

Utility owners and operators strive for continuous improvement of their water systems and the development of their staff. This ensures that they can meet and exceed users’ needs, are cost-efficient and cost-effective in the use of resources to ensure sustainability, and are meeting the applicable environmental and health regulations.



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

PLUS 4010-09 (cont'd)

Three international standards have been developed to guide utilities in setting and meeting objectives towards improving their operations. These are being adopted as National Standards of Canada in 2010:

- CAN/CSA-Z24510, *Activities relating to drinking water and wastewater services — Guidelines for the assessment and for the improvement of the service to users*
- CAN/CSA-Z24511, *Activities relating to drinking water and wastewater services — Guidelines for the management of wastewater utilities and for the assessment of wastewater services*
- CAN/CSA-Z24512, *Activities relating to drinking water and wastewater services — Guidelines for the management of drinking water utilities and for the assessment of drinking water services.*

(These standards are described in the Environment section of this issue of *Info Update*.)

Technical guide **PLUS 4010** was developed to help utility owners and operators use these three standards. It offers a consistent and standardized way to continuously improve a utility's effectiveness using performance indicators. As stated by well-known management guru Peter Drucker, “you cannot improve what you do not measure.”

This guide also builds on existing quality standards published by ISO and CSA that incorporate the fundamental principle of “plan–do–check–act” (PDCA). The methodology is consistent with and supportive of ISO's management system standards.

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

G30.18-09, 2^e édition

Barres d'acier au carbone pour l'armature du béton

Papier	120 \$
PDF	120 \$

Cette norme énonce les exigences relatives à deux types de barres d'acier au carbone crénelées laminées à chaud, soit le type R (régulier) et le type W (soudable). La lettre R n'est utilisée qu'aux fins de spécification, de commande et de communication et n'est pas laminée dans les barres, contrairement à la lettre W. Les deux types de barres se distinguent par leur composition chimique respective. Les barres traitées peuvent être en longueurs ou en bobines. Les barres lisses (type R seulement) font aussi l'objet de cette norme.

Les barres de type R sont destinées à des usages généraux. Les barres de type W conviennent aux applications dans lesquelles l'une ou l'autre des conditions suivantes est souhaitable :

- a) soudabilité améliorée ;
- b) ductilité accrue ;
- c) propriétés mécaniques restreintes ; ou
- d) composition chimique restreinte.

Amendments

B196.3-M1983 (R2006)

PVC Underground Telecommunication Cable Ducting and Fittings

Revision of Clauses 2, 3.4, 5.8, 5.16.2.2, 6.3, 6.9, 6.11.1, and 6.11.2.

O112.10-08

Evaluation of Adhesives for Structural Wood Products (Limited Moisture Exposure)

Revision of the Table of contents, Clauses 2, 5.3.2.2, 5.5.3.5.1, 5.5.3.7.1, 5.5.3.7.4, 5.6.2.2, 5.6.3.1, 5.6.3.2, 5.7.1.4, 5.7.2.3, 5.7.2.4, 5.7.2.6, 5.7.3.2.1, 5.7.4.1, 5.7.4.4, 5.7.4.6, 5.7.5.1, 7.1, 8.3.1, 8.4.2, D.4.7.1.1, D.4.7.2.1, D.4.9.2.1, D.4.9.2.2, D.4.9.2.3, D.5.7.2.2, D.6, D.7.1, and D.7.2, and Table 5. Addition of Clauses 5.7.4.3A, 5.7.4.4A, 7.2, D.4.7.3, and D.7.4. Deletion of Clause 4.10.4.

S136-07

North American Specification for the Design of Cold-Formed Steel Structural Members

This update includes amendments to Appendix B, and various errata.

Modifications publiées en français

A440S1-09

Supplément canadien à l'AAMA/WDMA/CSA 101/I.S.2/A440 — Norme nord-américaine sur les fenêtres (NAFS)/Spécification relative aux fenêtres, aux portes et aux lanterneaux

Papier	85 \$
PDF	85 \$

Ce supplément a pour but d'être utilisé avec l'AAMA/WDMA/CSA 101/I.S.2/A440 et contient des exigences supplémentaires applicables au Canada.

B196.3-M1983 (R2006)

Conduits et raccords pour câble de télécommunication souterrain en PVC

Des modifications ont été apportées aux articles 2, 3.4, 5.8, 5.16.2.2, 6.3, 6.9, 6.11.1 et 6.11.2.

S136-07

Spécification nord-américaine pour le calcul des éléments de charpente en acier formés à froid

Cette mise à jour comprend des modifications à l'Appendice B et des errata..

Reaffirmed Standards

CAN/CSA-O15-05 (R2009)

Wood Utility Poles and Reinforcing Stubs

O141-05 (R2009)

Softwood Lumber



Formal Interpretations

The following interpretation, regarding CSA standard **CAN/CSA-S406-92 (R2006)**, has been approved by the Technical Committee on Wood Preservation.

Question 1: Is there an objective as to why “perimeter drainage tile or pipe shall not be used with preserved wood foundations” as stated on page 17 of Article 7.2.3 Tile Not Permitted?

Answer 1: Yes.

Question 2: Is this objective the same as in Question 1 when concrete footings are used instead of wood footings?

Answer 2: Yes.

Question 3: Can perimeter drainage tile or pipe be used with preserved wood foundations that are located on concrete footings?

Answer 3: No.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 21, 2009	Publication of low-lead-content certification program for plumbing products.	Plumbing Products No. 205
January 15, 2010	Publication of CSA standard A23.1-09/A23.2-09, <i>Concrete Materials and Methods of Concrete Construction / Test Methods and Standard Practices for Concrete.</i>	Concrete Products No. 8
January 15, 2010	Publication of CSA standard A23.4-09, <i>Precast Concrete, Materials and Construction.</i>	Concrete Products No. 9
January 18, 2010	Publication of Update No. 1 to CSA standard A277-08, <i>Procedure for Factory Certification of Buildings.</i>	Building Products and Materials No. 20
January 19, 2010	Publication of Update No. 3 to CSA standard Z240 RV Series-08, <i>Recreational Vehicles.</i>	Recreational Vehicles No. 31

Informs Notices (cont'd)

Date	Subject	Title
January 20, 2010	Publication of CSA C22.1-09, <i>Canadian Electrical Code, Part I — Safety Standard for Electrical Installations</i> .	Building Products No. 21/ Park Model Trailers No. 7
January 25, 2010	Publication of UL 307A, <i>Liquid-Fuel Burning Heating Appliances for Manufactured Home and Recreational Vehicles</i> , 8th edition, with revisions through December 11, 2009.	Fuel Burning Equipment No. 101

Certification Notices

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

Effective Date	Subject	Title
March 1, 2010	Publication of ASME A112.19.1-2008/CSA B45.2-08, <i>Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures</i> .	Plumbing Products No. 199
June 1, 2010	Publication of CSA B137 Series-05, <i>Thermoplastic Pressure Pipe Compendium</i> .	Plumbing Products No. 193
► October 1, 2011	Extension of effective date of Building Products No. 14B / Recreational Vehicles No. 28B, addressing CSA requirements for the acceptance of non-CSA-certified gas, electrical, and plumbing products in recreational vehicles, park model trailers, mobile homes, and modular homes. (Supplements Building Products No. 14B / Recreational Vehicles No. 28B.)	Building Products No. 14C / Recreational Vehicles No. 28C



Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

C49.8-09, 1st edition

Bare Overhead Aluminum Conductors for Distribution Applications

PDF only \$120

This standard specifies requirements for concentric-lay aluminum stranded conductors, with or without a central core of reinforcing steel strand. These conductors are intended for overhead installation on single-phase or three-phase electrical distribution systems.

C68.9-09, 1st edition

Covered Overhead Distribution Line Wire

PDF only \$120

This standard specifies requirements for covered overhead distribution line wire. These conductors are intended for overhead installation as single conductors on single-phase or three-phase electrical distribution systems.

Amendments

CAN/CSA-C22.2 No. 60745-1-07

Hand-Held Motor-Operated Electric Tools — Safety — Part 1 : General Requirements
(Bi-national standard, with UL 60745-1)

Revision of the title page, copyright page, preface, and Clauses 2DV and 8.1DV. Addition of Clauses 8.12.1DV, 18.12DV, 26.1DV, 29.2DV, and K.8.1DV, and Figure 18.12DV.1.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
November 27, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 227.3-05 / UL standard 1696, <i>Nonmetallic Mechanical Protection Tubing (NMPT)</i> .	Conduit No. 26
December 9, 2009	Publication of CSA standard C22.2 No. 68-2009, <i>Motor-Operated Appliances (Household and Commercial)</i> .	Motor-Operated Appliances No. 10
December 16, 2009	Publication of Update No. 3 to CSA standard C22.2 No. 155-M1986, <i>Electric Duct Heaters</i> .	Electric Duct Heaters No. 1

**Informs Notices (cont'd)**

Date	Subject	Title
December 16, 2009	Publication of CSA standard C22.2 No. 187- 09, <i>Electrostatic Air Cleaners</i> .	Signal Sensing and Controls No. 7

Certification Notices

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

Effective Date	Subject	Title
► January 1, 2010	Publication of new edition of CSA standard CAN/CSA-E60384-14:09 and withdrawal of previous Canada standards for fixed capacitors for use in electronic equipment.	Audio and Video Equipment No. 22
March 1, 2010	Publication of CSA standard C22.2 No. 35-09, <i>Extra-Low Voltage Control Circuit Cable, Low-Energy Control Cable, and Extra-Low-Voltage Control Cable</i> .	Wire and Cable No. 149
March 10, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 243-01, <i>Vacuum Cleaners, Blower Cleaners and Household Floor Finishing Machines</i> (bi-national standard with UL 1017).	Vacuum Cleaners and Blower Cleaners No. 9
March 31, 2010	Publication of Amendments to UL 1059, <i>Terminal Blocks</i> . (Supersedes Wiring Devices No. 40.)	Wiring Devices No. 40A
April 1, 2010	Publication of CSA standard C22.2 No. 250.7-07, <i>Extra-low-voltage Landscape Lighting Systems</i> . (Supersedes Lighting Products No. 34.)	Lighting Products No. 52
May 3, 2010	Publication of CSA standard C22.2 No. 96-09, <i>Portable Power Cables</i> .	Wire and Cable No. 147
May 31, 2010	Transfer of existing certifications of shielded and concentric neutral power cables to CSA standard C68.5-05, <i>Primary Shielded and Concentric Neutral Cable for Distribution Utilities</i> .	Wire and Cable No. 142
May 31, 2010	Publication of CSA standard C68.10-08, <i>Shielded Power Cable for Commercial and Industrial Applications, 5-46 KV</i> .	Wire and Cable No. 139
May 31, 2010	Extension of effective date for CSA standard CAN/CSA-C22.2 No. 42.1-00, <i>Cover Plates for Flush-Mounted Wiring Devices</i> (bi-national standard with UL 514D).	Wiring Devices No. 39A
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

Certification Notices (cont'd)

Effective Date	Subject	Title
July 1, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 62.1-03, <i>Nonmetallic Surface Raceways and Fittings</i> (bi-national standard with UL5A).	Raceways and Fittings No. 7
July 30, 2010	Publication of CSA standard C22.2 No. 2515-09, <i>Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings</i> (bi-national standard, with UL 2515). (Supersedes Conduit No. 7.)	Conduit No. 24
July 30, 2010	Publication of bi-national CSA standard C22.2 No. 2420-09 / UL 2420, first edition, <i>Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings</i> . (Supersedes Conduit No. 7.)	Conduit No. 25
July 31, 2010	Publication of CSA standard CAN/CSA-C22.2 No. 71.2-2008, <i>Electric Bench Tools</i> .	Electric Tools No. 22
September 17, 2010 (existing certifications)	Publication of CSA standard C22.2 No. 250.0-08, <i>Luminaires</i> (bi-national standard with UL 1598, 3rd edition). (Supersedes Lighting Products No. 35, 35A, and 47.)	Lighting Products No. 53
December 1, 2010	Publication of CSA standard CAN/CSA-C22.2 No. 60950-1-07 (bi-national standard with UL 60950-1).	Information Technology and Electrical Business Equipment No. 16
December 15, 2010	Publication of CSA standard C22.2 No. 43-08, <i>Lampholders</i> (bi-national standard with UL 496).	Wiring Devices No. 58
February 28, 2011	Publication of CSA standard C22.2 No. 52-09, <i>Underground Secondary and Service-Entrance Cables</i> .	Wire and Cable No. 143
May 31, 2011	Transfer of existing certifications of shielded and concentric neutral power cables to CSA standard C68.5-07, <i>Primary Shielded and Concentric Neutral Cable for Distribution Utilities</i> . (Supersedes Wire and Cable No. 142 and supplements Wire and Cable No. 136.)	Wire and Cable No. 142A
May 31, 2011	Extension of effective date for certification of shielded power cables to CSA standard C68.10, <i>Shielded Power Cable for Commercial and Industrial Applications, 5-46 kV</i> .	Wire and Cable No. 150

**Certification Notices (cont'd)**

Effective Date	Subject	Title
January 1, 2012	Publication of CSA standard CAN/CSA-E61131-2:06, <i>Programmable controllers — Part 2: Equipment requirements and tests</i> (Adopted IEC 61131-2:2003, second edition, with Canadian deviations).	Programmable Controllers No. 1
▶ February 28, 2012	Publication of CSA standard C22.2 No. 1993-09 / UL 1993 (third edition) / NMX-J-578/1-ANC, <i>Self-Ballasted Lamps and Lamp Adaptors</i> . (Supersedes Lighting Products No. 16, 43, and 51.)	Lighting Products No. 55
May 1, 2012	Publication of bi-national standard CSA C22.2 No. 66-06 Series and UL 5085 Series, <i>Low Voltage Transformers</i> .	Transformers No. 6
▶ July 30, 2012	Publication of Update No. 2 to bi-national CSA standard C22.2 No. 236-05 / UL 1995, third edition.	Heating and Cooling Equipment No. 6
July 31, 2012	Publication of CSA standard C22.2 No. 236-05, <i>Heating and Cooling Equipment</i> (bi-national standard with UL 1995).	Gas Products No. 201
October 31, 2012	Publication of CSA standard CAN/CSA-C22.2 No. 60745-1-07, <i>Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements</i> (bi-national standard, with UL 60745-1), and associated Part 2 standards. (Supersedes Electrical Tools Nos. 6, 15, 16, 16A, and 19.)	Electrical Tools No. 23
▶ November 1, 2012	Change of withdrawal date of CSA standard CAN/CSA-E60065-00.	Audio and Video Equipment No. 21
▶ March 20, 2013	Publication of Update No. 5, concerning revisions for fire containment requirements, to bi-national CSA standard C22.2 No. 112-97 / UL 2158, <i>Electric Clothes Dryers</i> .	Clothes Dryer Equipment No. 5
August 21, 2016	Publication of CSA standard CAN/CSA-C22.2 No. 60335-2-24-06, <i>Safety Requirements for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice Cream Appliances and Ice Makers</i> (tri-national standard with UL 60335-2-24 and NMX-J-521/2-24-ANCE-2006. Adopted IEC 60335-2-24:2002, sixth edition, with national deviations).	Household Refrigerators and Freezers No. 3



Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

C282-09, 5th edition

Emergency Electrical Power Supply for Buildings

Paper	\$130
PDF	\$130

This standard applies to the design, installation, operation, maintenance, and testing of emergency generators and associated equipment for providing an emergency power supply to electrical loads:

- in buildings and facilities when the normal power supply fails and an emergency electrical power supply is required by the National Building Code of Canada (NBCC)
- of essential electrical systems, where emergency generators are intended for use in health care facilities (HCFs) in accordance with Clause 6 of CSA Z32.

Electrical power supply systems designed and installed to operate for purposes beyond emergency situations may be used for emergency electrical power supply, if they meet the requirements of this standard.

This standard does not cover:

- any emergency power supply provided from storage batteries or other sources of uninterrupted power supply (UPS)
- application of an emergency power supply
- design and construction of unit equipment for emergency lighting that complies with CSA C22.2 No. 141.

C282 LOGBOOK-09

Emergency Electrical Power Supply for Buildings — Maintenance Logbook

Paper	\$70
PDF	\$70

This maintenance logbook consists of tables for weekly, monthly, semi-annual, and annual inspections, as well as tables for inspection scheduled every five years and for unscheduled maintenance.



Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

C867.2-09, 1^{re} édition

Performance des jeux de lumières décoratifs

PDF seulement 120 \$

Cette norme énonce les exigences visant les performances des jeux de lumières décoratifs sous la forme d'ampoules intégrées, moulées et remplaçables.

Note : Les jeux de lumières servant à tracer des figures décoratives, comme des ornements à incandescence, ou à des fins similaires sont également visés.

Cette norme précise les exigences minimales visant les performances des jeux de lumières décoratifs afin d'évaluer

- a) la sécurité ;
- b) la puissance d'entrée ;
- c) la surtension ; et
- d) la durée de vie.

Cette norme précise les essais à effectuer pour vérifier l'efficacité énergétique et la qualité des jeux de lumières décoratifs.

Cette norme précise les exigences visant les marquages des jeux de lumières décoratifs.

Cette norme fournit des recommandations afin de regrouper ou définir des familles de produits.

Amendments

N293S2-10

Supplement No. 2 to N293-07, "Fire Protection for CANDU Nuclear Power Plants"

This supplement provides additional commentary on the clauses of CSA standard N293-07. (**Note:** This supplement is available only with the purchase of the standard.)

Z245.1-07

Steel Pipe

Revision of Clauses 7.2.2 and 12.4.4.5.

Z245.15-09

Steel Valves

Revision of Clause 13.9.

Reaffirmed Standards

CAN/CSA-B140.2.1-M90 (R2010)*Oil Burners; Atomizing Type***CAN/CSA-C373-04 (R2010)***Energy Consumption Test Methods and Limits for Household Dishwashers***N290.13-05 (R2010)***Environmental Qualification of Equipment for CANDU Nuclear Power Plants*

Formal Interpretations

The following interpretations regarding CSA standard **Z662-07**, Clause 4.18.1, Clause 16.2, Clause 17, and Annex I, have been approved by the Technical Committee on Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Re: Clause 4.18.1:

Question 1: If a pipeline licensed for an MOP of 9930 kPa is being connected to a pipeline licensed for an MOP of 9650 kPa, is pressure control required for the lower pressure segment?

Answer 1: Yes.

Question 2: If a pipeline licensed for an MOP of 9930 kPa is being connected to a pipeline licensed for an MOP of 9650 kPa, is overpressure protection required for the lower pressure segment?

Answer 2: Yes.

Re: Clause 16.2:

Question 1: Is the intent of Clause 16.2 (b) to only apply to multiphase gas-free pipeline systems, such as for example oil emulsions in gathering lines?

Answer 1: No.

Question 2: To expand upon question 1 above, is the intent of Clause 16.2 (b) not to apply to those systems containing a single liquid phase, such as LVP condensate and crude oil blends typical of downstream large transmission lines with minimal water content (S&W often specified below 0.5% vol.)?

Answer 2: No. Clause 16.2 (b) does apply to these systems.

Re: Clause 17:

Question: Does the definition in Clause 17.3 apply to pipe consisting of a steel pipe and a dry-wrapped-glass-fiber reinforcement; i.e., no resin is used in conjunction with the glass fibres?

Answer: No.



Formal Interpretations (cont'd)

Re: Annex I:

Question: Is it permissible to perform full transverse tensile tests of the PQR weld at both room temperature and the maximum operating temperature to demonstrate the suitability of the aggregate weld in lieu of the Section II Part C all weld metal tensile tests prescribed in Annex I, Clause I.4.1 (a)?

Answer: No.

The following interpretation regarding CSA standard **N285.0-08** has been approved by the Technical Committee on CANDU Nuclear Power Plant Systems & Components.

Question: Is it the intent of CSA N285.0-08 Clauses 6.1.11.1 and 9.3.1 that requirements for registration of welding and brazing procedures with the AIA only apply to procedures for welding and brazing performed in Canada?

Answer: Yes.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 8, 2009	Publication of Verification Listing of solar collectors to the requirements of CAN/CSA-F378-87 (R1998) or equivalent.	Verification Service Announcement No. 41
January 14, 2010	Publication of CSA standard C804-09, <i>Energy Performance of Vending Machines</i> .	Verification Service Announcement No. 42
January 21, 2010	Publication of UL 1482, <i>Solid-Fuel Type Room Heaters</i> , fifth edition, with revisions through December 4, 2009.	Fuel Burning Equipment No. 99



Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

CAN/CSA-Z24510-10, 1st edition

Activities relating to drinking water and wastewater services — Guidelines for the assessment and for the improvement of the service to users (Adopted ISO 24510:2007, first edition, 2007-12-01, with Canadian deviations)

Paper	\$205
PDF	\$205

This standard specifies the elements of drinking water and wastewater services that are of relevance and interest to users. It also provides guidance on how to identify users' needs and expectations and how to assess whether they are being met.

The following are **within** the scope of this standard:

- the definition of a language common to the different stakeholders
- the definition of elements and characteristics of the service that are key to users
- the objectives for the service with respect to users' needs and expectations
- guidelines for satisfying users' needs and expectations
- assessment criteria for service to users
- introduction to performance indicators
- examples of performance indicators.

The following are **outside** the scope of this standard:

- methods of design and construction of drinking water and wastewater systems
- the regulating management structure and methodology of operation and management of activities relating to drinking water and wastewater services, including contracting
- topics relating to the system inside buildings.

Note: This standard, CAN/CSA-Z24511, and CAN/CSA-Z24512 comprise a series of standards addressing water services. It is therefore advisable to use these three standards in conjunction with each other.

CAN/CSA-Z24511-10, 1st edition

Activities relating to drinking water and wastewater services — Guidelines for the management of wastewater utilities and for the assessment of wastewater services (Adopted ISO 24511:2007, first edition, 2007-12-01, with Canadian deviations)

Paper	\$195
PDF	\$195

This standard provides guidelines for managing wastewater utilities and for assessing wastewater services. It applies to publicly and privately owned and operated wastewater utilities.



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

CAN/CSA-Z24511-10 (cont'd)

Note: Wastewater is always generated when water is used or consumed. Accordingly, sources of wastewater can be residential, industrial, commercial, or institutional. Collected storm water or (melted) snow can also be considered as wastewater, as it often carries contaminants and pathogens picked up from air or ground surfaces on its way to a collection system. In certain circumstances, especially in undeveloped areas, sanitary waste is collected in an undiluted form.

This standard addresses wastewater systems in their entirety and is applicable to systems at any level of development (e.g., pit latrines, on-site systems, networks, treatment facilities).

The following are **within** the scope of this standard:

- the definition of a language common to different stakeholders
- objectives for the wastewater utility
- guidelines for the management of wastewater utilities
- service assessment criteria and related examples of performance indicators, all without setting any target values or thresholds.

The following are **outside** the scope of this standard:

- methods of design and construction of wastewater systems
- regulation of the management structure and the methodology of wastewater service activities of operation and management
- regulation of the content of contracts or subcontracts
- topics related to the systems inside buildings, between the point-of-discharge and the point-of-collection.

CAN/CSA-Z24512-10, 1st edition

Activities relating to drinking water and wastewater services — Guidelines for the management of drinking water utilities and for the assessment of drinking water services (Adopted ISO 24512:2007, first edition, 2007-12-01, with Canadian deviations)

Paper	\$195
PDF	\$195

This standard provides guidelines for the management of drinking water utilities and for the assessment of drinking water services. It applies to publicly and privately owned and operated water utilities.

This standard addresses drinking water systems in their entirety and applies to systems at any level of development (e.g., on-site systems, distribution networks, treatment facilities).

The following are **within** the scope of this standard:

- the definition of a language common to different stakeholders
- the definition of the components of drinking water supply systems
- guidelines for the management of drinking water utilities
- guidelines for objectives, service assessment criteria and related performance indicators, appropriate for the assessment of drinking water services.



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

CAN/CSA-Z24512-10 (cont'd)

The following are **outside** the scope of this standard:

- target values and thresholds for proposed objectives, service assessments criteria, and related performance indicators
- matters relating to the design and construction of drinking water systems
- matters relating to the management structure of drinking water utilities
- matters relating to the regulation of drinking water services, including management and operational activities
- matters relating to regulating the content of contracts or subcontracts
- installations between point-of-delivery and point-of-use.

Amendments

CAN/CSA-Z804-08

Sustainable Forest Management For Woodlots and Other Small Area Forests

Revision of the outside front cover, the title page, and Clauses 3, 4.2, 5.1, 8.6.2, 8.6.3, 9.4, and 9.6. Addition of National Standards of Canada text.

Modifications publiées en français

CAN/CSA-Z804-08

Aménagement forestier durable pour les boisés et les forêts de petite superficie

Des modifications ont été apportées à la première de couverture, à la page titre et aux articles 3, 4.2, 5.1, 8.6.2, 8.6.3, 9.4, et 9.6. Le texte relatif aux Normes nationales du Canada a été ajouté.

Withdrawn Standards

CAN/CSA-ISO/TR 14032-00 (R2009)

Environmental management — Examples of environmental performance evaluation (EPE)
(Adopted ISO/TR 14032:1999, first edition, 1999-11-15, without modification)

Reaffirmed Standards

CAN/CSA-ISO 14001:04 (R2009)

Environmental management systems — Requirements with guidance for use (Adopted ISO 14001:2004, second edition, 2004-11-15, without modification)

CAN/CSA-ISO 14004:04 (R2009)

Environmental Management Systems — General guidelines on principles, systems and support techniques (Adopted ISO 14004:2004, second edition, 2004-11-15, without modification)



Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

ANSI Z21.13-2010/CSA 4.9-2010, 3rd edition

Gas-Fired Low Pressure Steam and Hot Water Boilers

PDF only \$735

This standard applies to newly produced gas-fired low-pressure steam and hot water boilers with gas inlet pressure ratings not exceeding 1/2 psi (3.5 kPa) and having input ratings of less than 12,500,000 Btu/hr (3 663 389 W), constructed entirely of new unused parts and materials, for operation at or below the following pressures and temperatures:

- Steam heating boilers:
 - 15 psi (103.42 kPa) steam pressure
- Hot water heating boilers:
 - 160 psi (1.10 MPa) water pressure
 - 250°F (121°C) water temperature
- Hot water supply boilers:
 - 160 psi (1.10 MPa) water pressure
 - 250°F (121°C) water temperature.

The covered equipment is for use with natural gas; manufactured gas; mixed gas; liquefied petroleum gases; and LP gas-air mixtures.

This standard applies to indoor type boilers, of other than the direct vent which are categorized according to vent pressure and temperature as Category I, Category II, Category III, or Category IV, and to outdoor type boilers.

ANSI Z21.97-2010, 1st edition

Outdoor Decorative Gas Appliances

PDF only \$650

This standard applies to newly produced, decorative gas appliances for outdoor installation, constructed entirely of new, unused parts and materials. Appliances submitted for examination under this standard must be classified as one of the following: portable, stationary, or built-in.

Appliances may be for:

- connection to a fixed fuel piping system; or
- connection to a self-contained liquefied petroleum gas supply system. Cylinder(s) for a self-contained system may be either remote to the appliance, or integrally mounted on the appliance, and must be designed for vapour withdrawal only.



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

B149.1-10, 14th edition

Natural Gas and Propane Installation Code

Paper	\$190
PDF	\$190

This Code applies to the installation of the following:

- appliances, equipment, components, and accessories where gas is to be used for fuel purposes
- piping and tubing systems extending from the termination of the utility installation or from the distributor’s propane tank
- vehicle-refuelling appliances and associated equipment meeting the requirements of a general-purpose appliance to fill a natural-gas-fuelled vehicle
- stationary gas engines and turbines.

This Code does **not** apply to

- marine or pipeline terminals
- gas where used as a feedstock in petroleum refineries or chemical plants
- utility pipeline distribution and transmission pipelines
- storage and handling of liquefied natural gas or underground reservoirs for natural gas
- the installation of NGV fuel systems, containers, and refuelling stations
- the storage and utilization of compressed natural gas on boats
- the installation of vehicle-refuelling appliances when NGV storage containers are installed as part of the system
- refrigerated storage or underground reservoirs for propane
- propane used on boats
- propane used as a propellant in aerosol containers
- butane fuel cylinders of 150 g capacity or less
- the installation of containers and equipment to be used for propane in distribution locations and filling plants and on tank trucks, tank trailers, and cargo liners.

Note: Where the term *gas* is used, the requirements of this Code include, and apply equally to, any of the following gases or mixtures of them: natural gas, manufactured gas, or mixtures of propane gas and air, propane, propylene, butanes (normal butane or isobutane), and butylenes.

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

B149.2-10, 10th edition

Propane Storage and Handling Code

Paper	\$100
PDF	\$100

This Code applies to:

- the storage, handling, and transfer of propane
- the installation of appliances, equipment, components, accessories, and containers on highway vehicles, recreational vehicles, mobile housing, outdoor food service units, and wash-mobiles when propane is to be used for fuel purposes
- propane used as an engine fuel in other than highway vehicles
- the installation of containers and equipment to be used for propane in distribution locations and filling plants.

This Code does **not** apply to:

- marine or pipeline terminals
- gas where used as a feedstock in petroleum refineries or chemical plants
- utility pipeline distribution and transmission pipelines
- refrigerated storage or underground reservoirs for propane
- propane used on boats
- propane used as a propellant in aerosol containers
- butane fuel cylinders of 5.3 oz (150 g) capacity or less
- the installation of appliances, equipment, components, accessories, and containers other than those on highway vehicles, recreational vehicles, mobile housing, outdoor food service units, and wash-mobiles when propane is to be used for fuel purposes.

Note: Where the term *propane* is used, the requirements of this Code include, and apply equally to, any material that is composed predominantly of any of the following hydrocarbons or mixtures of them: propane, propylene, butanes (normal butane or isobutane), and butylenes.

B149.3-10, 4th edition

Code for the Field Approval of Fuel-related Components on Appliances and Equipment

Paper	\$225
PDF	\$225

This Code contains the requirements for fuel-related components and accessories and their assembly on an appliance utilizing gas, downstream of the manual shut-off valve specified in Clause 6.18.2 of CSA B149.1. Clause 13 of this Code contains additional requirements for process ovens, including bakery ovens, process furnaces, and atmosphere generators operating at approximately atmospheric pressure and used by industry for the processing of materials.



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

B149.3-10 (cont'd)

This Code does **not** apply to:

- installations in marine pipeline terminals
- gas where used as a feedstock in petroleum refineries or chemical plants
- gas designated for storage or handling, or both, at liquefied petroleum gas bulk plants
- gas where used for natural gas for vehicles
- a new appliance for which there is an approved standard
- a manually operated appliance with an input not exceeding 20 000 Btuh (6 kW) used for industrial applications
- other fuels used in combination with gas.

B149.5-10, 4th edition

Installation Code for Propane Fuel Systems and Tanks on Highway Vehicles

Paper	\$75
PDF	\$75

This Code applies to the installation, servicing, and repair of propane fuel system components and tanks on highway vehicles for the provision of motive power. This does not apply to vehicles qualified under the *Canadian Motor Vehicle Safety Regulations*.

Note: Where the term *propane* is used, the requirements of this Code include, and apply equally to, any material that is composed predominantly of any of the following hydrocarbons or a mixture of them: propane, propylene, butane (normal butane or isobutane), and butylenes.

Amendments

ANSI Z21.41b-2010/CSA 6.9b-2010

Addenda B to “Quick Disconnect Devices for Use with Gas Fuel Appliances”

PDF only	\$75
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This document provides revisions to ANSI Z21.41-2003/CSA 6.9-2003 and ANSI Z21.41a-2005/CSA 6.9a-2005.

ANSI Z83.7b-2009/CSA 2.14b-2009

Addenda B to “Gas-Fired Construction Heaters”

PDF only	\$70
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This document provides revisions to ANSI Z83.7-2000/CSA 2.14-2000 (R2005) and ANSI Z83.7a-2007/CSA 2.14a-2007.

ANSI Z83.20a-2010/CSA 2.34a-2010

Addenda A to “Gas-Fired Low Intensity Infrared Heaters”

PDF only	\$90
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This document provides revisions to ANSI Z83.20-2008/CSA 2.34-2008.

Reaffirmed Standards

ANSI/IAS NGV 4.1/CSA 12.5-1999 (R2010)

NGV Dispensing Systems

ANSI/IAS NGV 4.2/CSA 12.52-1999 (R2010)

Hoses for Natural Gas Vehicles and Dispensing Systems

ANSI/IAS NGV 4.4/CSA 12.54-1999 (R2010)

Breakaway Devices for Natural Gas Dispensing Hoses and Systems

ANSI/IAS NGV 4.6/CSA 12.56-1999 (R2010)

Manually Operated Valves for Natural Gas Dispensing Systems

ANSI Z21.10.3-2004/CSA 4.3-2004 (R2010)

Gas Water Heaters — Volume III, Storage Water Heaters With Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous

ANSI Z21.13-2004/CSA 4.9-2004 (R2010)

Gas-Fired Low Pressure Steam and Hot Water Boilers

ANSI Z21.81-2005/CSA 6.25-2004 (R2010)

Cylinder Connection Devices

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 16, 2009	Publication of CSA standards interim requirement 1.09 and TIL R-22, for vented condensing gas fireplace heaters.	Gas Products No. 206
January 20, 2010	NSF/ANSI 169-2009, <i>Special Purpose Food Equipment and Devices</i> .	Food Equipment Sanitation No. 12
January 22, 2010	Publication of UL 391, <i>Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces</i> , fourth edition, with revisions through December 3, 2009.	Fuel Burning Equipment No. 100



Certification Notices

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

Effective Date	Subject	Title
August 1, 2010	Publication of standard ANSI LC7-2009, <i>Pipe Joint Sealing Compounds and Materials</i> .	Gas Products No. 186
August 1, 2010	Publication of addenda ANSI Z21.50b-2009/ CSA 2.22b-2009, <i>Vented Gas Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.50-2007/CSA 2.22-2007 and ANSI Z21.50a-2008/CSA 2.22a-2008.	Gas Products No. 189
August 1, 2010	Publication of addenda ANSI Z83.11b-2009/ CSA 1.8b-2009, <i>Gas Food Service Equipment</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.11-2006/CSA 1.8-2006 and ANSI Z83.11a-2007/CSA 1.8a-2007.	Gas Products No. 190
August 1, 2010	Publication of CSA standard P.4.1-09, <i>Testing Method for Measuring Annual Fireplace Efficiency</i> .	Gas Products No. 193
August 1, 2010	Publication of standard ANSI Z21.88/ CSA 2.33-2009, <i>Vented Gas Fireplace Heaters</i> .	Gas Products No. 194
December 1, 2010	Publication of addenda ANSI Z83.8a-2009/ CSA 2.6a-2009, <i>Gas Unit Heaters and Gas-Fired Duct Furnaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z83.8-2006/ CSA 2.6-2006.	Gas Products No. 199
► December 1, 2010	Component Acceptance Program requirements for combination regulator valves (low pressure), in accordance with ANSI Z21.89/CSA 1.18, <i>Outdoor Cooking Specialty Gas Appliances</i> .	Component Acceptance Service No. 46
► June 10, 2011	Publication of UL 125, <i>Flow Control Valves for Anhydrous Ammonia and LP-Gas</i> , eighth edition.	Gas Products No. 207
July 31, 2012	Publication of CSA standard C22.2 No. 236-05, <i>Heating and Cooling Equipment</i> (bi-national standard with UL 1995).	Gas Products No. 201



Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

CAN/CSA-C22.2 No. 80601-2-30-10, 1st edition (bilingual)

Medical electrical equipment — Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers
(Adopted IEC 80601-2-30:2009, first edition, 2009-01, without modification)

PDF only \$220

This standard applies to the basic safety and essential performance of automated sphygmomanometers (“ME equipment”), which by means of an inflatable cuff, are used for intermittent indirect measurement of the blood pressure without arterial puncture.

This standard is intended to be used with CAN/CSA-C22.2 No. 60601:2005.

This standard specifies requirements for the basic safety and essential performance for this ME equipment and its accessories, including the requirements for the accuracy of a determination.

This standard covers electrically-powered intermittent, indirect measurement of the blood pressure without arterial puncture, ME equipment with automatic methods for estimating blood pressure, including blood pressure monitors for the home healthcare environment.

CAN/CSA-ISO 15077-10, 1st edition

Tractors and self-propelled machinery for agriculture — Operator controls — Actuating forces, displacement, location and method of operation
(Adopted ISO 15077:2008, first edition, 2008-01-15, without modification)

PDF only \$100

This standard specifies the function, location, labelling, and colour coding of operator controls for many types of self-propelled agricultural machinery (e.g., tractors, loaders, cultivators, combines, harvesters, and sprayers). It replaces CAN/CSA-M665.1, CAN/CSA-M665.2, and CAN/CSA-M665.3, which were Canadian adoptions of standards published by the American Society of Agricultural and Biological Engineers (ASABE).

This standard is to be used in conjunction with the CAN/CSA-M3767-1 and CAN/CSA-M3767-2 standards on symbols and labelling of operator controls for agricultural machinery.

Z32-09, 3rd edition

Electrical Safety and Essential Electrical Systems in Health Care Facilities

PDF only \$130

This standard deals with the following subjects:

- electrical safety associated with health care provision
- essential electrical systems for health care facilities.

This standard is not intended to apply to veterinary facilities, although its electrical safety principles could be useful in the design, construction, and operation of such facilities.

Uninterruptible power supplies, which can be essential for specific critical applications (e.g., critical care equipment and computer equipment), are not covered by this standard.



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

CAN/CSA-Z17510-1-10, 2nd edition

Sleep apnoea breathing therapy — Part 1: Sleep apnoea breathing therapy equipment (Adopted ISO 17510-1:2007, second edition, 2007-10-01, with Canadian deviations)

PDF only \$160

This standard specifies requirements for equipment intended for sleep apnoea breathing therapy for domiciliary use, ships, aircraft, and other transport vehicles, and for use in healthcare institutions.

This standard applies to equipment intended for use with adults and children, and excludes equipment intended for use with neonates.

Jet and very high frequency ventilation and oscillation are not considered in this standard.

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

B167-08, 3^e édition

Ponts roulants : conception, inspection, mise à l'essai, entretien et utilisation sécuritaire

Papier 85 \$

PDF 85 \$

Cette norme énonce les exigences minimales relatives à la conception, à l'inspection, à la mise à l'essai, à l'entretien (modifications et réparations) et à l'utilisation sécuritaire des ponts roulants, des monorails, des palans, des chariots, des grues à fiche, des portiques et des potences murales et d'autres appareils présentant des caractéristiques semblables.

Cette norme ne s'applique pas

- a) aux grues mobiles ni aux grues à tour (lesquelles sont visées par la CAN/CSA-Z150 et la CAN/CSA-Z248, respectivement) ;
- b) aux ascenseurs ni aux monte-charges (lesquels sont visées par l'ASME A17.1/CSA B44 et la CAN/CSA-Z185) ;
- c) aux structures portantes (voir les codes du bâtiment provinciaux et la CAN/CSA-S16) ;
ni
- d) aux accessoires d'appareils de levage, p. ex., les élingues et les accessoires d'arrimage (ils sont visés par des normes ISO et ASME).

CAN/CSA-C22.2 n° 80601-2-30-10, 1^{re} édition (bilingue)

Appareils électromédicaux — Partie 2-30 : Exigences particulières pour la sécurité de base et les performances essentielles des sphygmomanomètres non invasifs automatiques (norme CEI 80601-2-30:2009, 1^{re} édition, 2009-01, sans modification)

PDF seulement 220 \$

La présente norme s'applique à la sécurité de base et aux performances essentielles des sphygmomanomètres automatiques, ci-après dénommés appareils EM, qui, au moyen d'un brassard gonflable, sont utilisés pour la mesure indirecte intermittente de la pression artérielle sans ponction artérielle.

Nouvelles normes — Nouvelles éditions — Publications spéciales (suite)

CAN/CSA-C22.2 n° 80601-2-30-10 (suite)

La présente norme spécifie les exigences pour la sécurité de base et les performances essentielles pour cet appareil EM et ses accessoires, y compris les exigences relatives à la précision de la détermination de la pression artérielle.

Cette norme couvre les appareils EM à énergie électrique de mesure indirecte intermittente de la pression artérielle sans ponction artérielle, comportant des méthodes automatiques pour l'estimation de la pression artérielle, y compris les moniteurs de pression artérielle pour l'environnement des soins à domicile.

Cette norme est conçue pour être utilisée de concert avec la norme CAN/CSA-C22.2 n° 60601-1:08.

Z262.1-09, 5^e édition

Casques de hockey sur glace

Papier	60 \$
PDF	60 \$

Cette norme énonce les exigences en matière de performance et les méthodes d'essai s'appliquant aux casques commercialisés, vendus et destinés au hockey sur glace. Ces casques peuvent être aussi utilisés pour la crosse et la ringuette.

Notes :

- 1) Le but de cette norme est de réduire les risques de blessure à la tête sans pour cela enlever au sport l'attrait et l'intérêt qu'il suscite. Cette réduction du risque s'obtient grâce au port d'un protecteur facial
 - a) de la façon prévue, conformément aux règles du jeu ; et
 - b) conformément aux instructions du fabricant.
- 2) Le hockey sur glace est un sport dans lequel il existe des risques de blessure. Les casques satisfaisant aux exigences de cette norme n'offrent aucune protection contre les blessures au cou et à la colonne vertébrale.

Diverses blessures à la tête, au cerveau ou à la colonne vertébrale, pouvant entraîner une paralysie ou même la mort, peuvent se produire malgré l'emploi d'un casque certifié par la présente norme.

Cette norme établit les exigences relatives à

- a) la fabrication ;
- b) l'absorption des chocs ;
- c) la pénétration ;
- d) les dispositifs de retenue ;
- e) le champ de vision ; et
- f) le marquage et les renseignements.



Withdrawn Standards

CAN/CSA-ISO/TR 16056-1:05

Health informatics — Interoperability of telehealth systems and networks — Part 1: Introduction and definitions (Adopted ISO/TR 16056-1:2004, first edition, 2004-07-01, without modification)

CAN/CSA-ISO/TR 16056-2:05

Health informatics — Interoperability of telehealth systems and networks — Part 2: Real-time systems (Adopted ISO/TR 16056-2:2004, first edition, 2004-07-01, without modification)

CAN/CSA-ISO/TS 16058:05

Health informatics — Interoperability of telelearning systems
(Adopted ISO/TS 16058:2004, first edition, 2004-07-01, without modification)

CAN/CSA-ISO/TS 17090-1:05

Health informatics — Public key infrastructure — Part 1: Framework and overview
(Adopted ISO/TS 17090-1:2002, first edition, 2002-10-15, without modification)

CAN/CSA-ISO/TS 17090-2:05

Health informatics — Public key infrastructure — Part 2: Certificate profile
(Adopted ISO/TS 17090-2:2002, first edition, 2002-10-15, without modification)

CAN/CSA-ISO/TS 17090-3:05

Health informatics — Public key infrastructure — Part 3: Policy management of certification authority (Adopted ISO/TS 17090-3:2002, first edition, 2002-10-15, without modification)

CAN/CSA-ISO/TR 17119:06

Health informatics — Health informatics profiling framework
(Adopted ISO/TR 17119:2005, first edition, 2005-01-15, without modification)

CAN/CSA-ISO 17432:06

Health informatics — Messages and communication — Web access to DICOM persistent objects (Adopted ISO 17432:2004, first edition, 2004-12-15, without modification)

CAN/CSA-ISO 18104:05

Health informatics — Integration of a reference terminology model for nursing
(Adopted ISO 18104:2003, first edition, 2003-12-15, without modification)

CAN/CSA-ISO/TS 18308:05

Health informatics — Requirements for an electronic health record architecture
(Adopted ISO/TS 18308:2004, first edition, 2004-02-01, without modification)

CAN/CSA-ISO/TS 21667:06

Health informatics — Health indicators conceptual framework
(Adopted ISO/TS 21667:2004, first edition, 2004-04-01, without modification)

CAN/CSA-Z314.13-01 (R2007)

Recommended Standard Practices for Emergency (Flash) Sterilization

CAN/CSA-Z7396-2-02 (R2007)

Medical gas pipeline systems — Part 2: Anaesthetic gas scavenging disposal systems
(Adopted ISO 7396-2:2000, first edition, 2000-11-15, with Canadian deviations)

Withdrawn Standards (cont'd)

CAN/CSA-Z9170-2-00 (R2005)

Terminal units for medical gas pipeline systems — Part 2: Terminal units for anaesthetic gas scavenging systems (Adopted ISO 9170-2:1999, first edition, 1999-12-15, with Canadian deviations)

CAN/CSA-Z20514-07

Health informatics — Electronic health record — Definition, scope and context (Adopted ISO/TR 20514:2005, first edition, 2005-10-15, with Canadian deviations)

CAN/CSA-Z21091-07

Health informatics — Directory services for security, communications and identification of professionals and patients (Adopted ISO/TS 21091:2005, first edition, 2005-12-15, without modification)

CAN/CSA-Z22857-06

Health informatics — Guidelines on data protection to facilitate trans-border flows of personal health information (Adopted ISO 22857:2004, first edition, 2004-04-01, with Canadian deviations)

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
November 27, 2009	1) New CAN/CSA-C22.2 No. 60601-1:08 and ANSI/AAMI ES60601-1:2005. 2) New collateral and particular (Part 2) standards and reaffirmed 60601 series standards.	Health Care Equipment No. 20A
January 20, 2010	CSA Z94.3-07 (<i>Eye and Face Protectors</i>) and Updates 1, 2, and 3.	Occupational Health and Safety Products No. 57

Certification Notices

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

Effective Date	Subject	Title
December 1, 2010	Additional marking requirements for CSA standard CAN/CSA Z262.2-M90, <i>Face Protectors and Visors for Ice Hockey Players</i> , and for CSA standard CAN/CSA Z262.1-M90, <i>Ice Hockey Helmets</i> .	Sports and Recreational Equipment No. 13
May 1, 2011	Publication of CSA standard Z262.1-09, <i>Ice Hockey Helmets</i> .	Sports and Recreational Equipment No. 14



Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

CAN/CSA-ISO 31000-10, 1st edition

Risk management — Principles and guidelines (Adopted ISO 31000:2009, first edition, 2009-11-15, without modification)

Paper	\$125
PDF	\$125

This standard provides principles and generic guidelines on risk management.

It can be used by any public, private, or community enterprise, association, group, or individual. Therefore, this standard is not specific to any industry or sector.

This standard can be applied throughout the life of an organization, and to a wide range of activities, including strategies and decisions, operations, processes, functions, projects, products, services, and assets.

This standard can be applied to any type of risk, whatever its nature, whether having positive or negative consequences.

Although this standard provides generic guidelines, it is not intended to promote uniformity of risk management across organizations. The design and implementation of risk management plans and frameworks will need to take into account the varying needs of a specific organization, its particular objectives, context, structure, operations, processes, functions, projects, products, services, or assets, and specific practices used.

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

CAN/CSA-ISO 31000-10, 1^{re} édition

Management du risque — Principes et lignes directrices (norme ISO 31000:2009 adoptée, première édition, 2009-11-15, sans modifications)

Papier	125 \$
PDF	125 \$

La présente norme fournit des principes et des lignes directrices générales sur le management du risque.

La présente norme peut être appliquée par tout public, toute entreprise publique ou privée, toute collectivité, toute association, tout groupe ou individu. Par conséquent, la présente norme n'est pas spécifique à une industrie ou un secteur donné.

La présente norme peut être appliquée tout au long de la vie d'un organisme et à une large gamme d'activités, dont les stratégies et les prises de décisions, les activités opérationnelles, les processus, les fonctions, les projets, les produits, les services et les actifs.

La présente norme peut s'appliquer à tout type de risque, quelle que soit sa nature, que ses conséquences soient positives ou négatives.



Nouvelles normes — Nouvelles éditions — Publications spéciales (cont'd)

CAN/CSA-ISO 31000-10 (suite)

Bien que la présente norme fournisse des lignes directrices générales, elle ne vise pas à promouvoir l'uniformisation du management du risque au sein des organismes. La conception et la mise en œuvre des plans et des structures organisationnelles de management du risque devront tenir compte des divers besoins d'un organisme spécifique, de ses objectifs, son contexte, sa structure, son activité, ses processus, ses fonctions, ses projets, ses produits, ses services ou ses actifs particuliers, ainsi que de ses pratiques spécifiques.



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