



**CANADIAN STANDARDS
ASSOCIATION**

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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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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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; Web site <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.



Produits et matériaux de construction

[A277-08, 5^e édition](#)

Mode opératoire visant la certification en usine des bâtiments

[O118.1-08, 6^e édition](#)

Bardeaux et bardeaux de fente en thuya géant

[O121-08, 7^e édition](#)

Contreplaqué en sapin de Douglas



Electrical/Electronics

[C22.2 No. 214-08, 7th edition](#)

Communications Cables (bi-national standard with UL 444, fourth edition)

[C22.3 No. 9-08, 1st edition](#)

Interconnection of Distributed Resources and Electricity Supply Systems

[C199-08, 3rd edition](#)

Three-Phase Network Distribution Transformers



Électricité et électronique

[C68.5-07, 1^{re} édition](#)

Câbles primaires avec écran et à neutre concentrique pour services publics de distribution



Energy

[N285.0-08/N285.6 Series-08, 1st edition](#)

General Requirements for Pressure-Retaining Systems and Components in CANDU Nuclear Power Plants / Material Standards for Reactor Components for CANDU Nuclear Power Plants



Énergie

[N292.2-07, 2^e édition](#)

Entreposage à sec provisoire du combustible irradié

[Z662-07, 5^e édition](#)

Réseaux de canalisations de pétrole et de gaz (comprend aussi la Z662.1-07, Commentary on CSA Z662-07, "Oil and Gas Pipeline Systems")



Environment

[PLUS 14021, 2nd edition](#)

Environmental claims: A guide for industry and advertisers

This document is available “Free of Charge” at [Shop CSA.com](#).



Environnement

[PLUS 14021, 2^e édition](#)

Déclarations environnementales : Guide pour l'industrie et les publicitaires

Ce document est disponible gratuitement au [Shop CSA.com](#).



Life Sciences

[D270-08, 1st edition](#)

Multi-Functional Activity Buses

[Z263.1-08, 1st edition](#)

Recreational Alpine Skiing and Snowboarding Helmets



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



Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

A277-08, 5^e édition

Mode opératoire visant la certification en usine des bâtiments

Papier.....	90 \$
PDF.....	80 \$

Cette norme prescrit le mode opératoire de certification en usine des bâtiments usinés, modulaires et en panneaux destinés à des usages résidentiels, commerciaux ou semi-commerciaux.

Elle vise :

- la certification du programme de contrôle de la qualité de l'usine ;
- la certification du produit fabriqué ;
- l'audit du programme de contrôle de qualité de l'usine ; et
- l'inspection en usine du produit fabriqué.

O118.1-08, 6^e édition

Bardeaux et bardeaux de fente en thuya géant

Papier.....	100 \$
PDF.....	90 \$

Cette norme s'applique aux bardeaux et aux bardeaux de fente faits de thuya géant (*Thuja plicata* Donn ex D. Don) ou de cyprès jaune (*Cupressus nootkatensis* D. Don). Elle énonce les exigences minimales en matière de classement, de fabrication, d'emballage, d'étiquetage et d'évaluation de la conformité.

À moins d'indication contraire, les dimensions prescrites dans cette norme concernent les bardeaux et les bardeaux de fente verts.

O121-08, 7^e édition

Contreplaqué en sapin de Douglas

Papier.....	90 \$
PDF.....	80 \$

Cette norme s'applique au contreplaqué multiplis à collage pour l'extérieur qui comporte au moins trois plis et dont la direction du fil sur le parement et le contreparement est parallèle.

Cette norme énonce des exigences relatives aux éléments suivants :

- le système qualité ;
- les essences des plis ;
- les matériaux ;
- la construction des panneaux ;
- le collage ;
- les qualités des placages et des panneaux ;
- les dimensions et les tolérances ;
- le marquage ; et
- les essais.



Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
July 3, 2008	Publication of Update No. 2 to CSA C22.2 No. 218.2-93. This requirement is an additional option for hydromassage bathtubs.	Plumbing Products No. 186

Certification Notices

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

Effective Date	Subject	Title
October 1, 2008	Extension of the “Apply Before Date” in Plumbing Products No. 169, ASME A112.18.1-2005/ CSA B125.1-05, <i>Plumbing Supply Fittings</i> . (Supersedes Plumbing Products No. 169.)	Plumbing Products No. 169A
October 1, 2008	Extension of the “Apply Before Date” in Plumbing Products No. 174, ASME A112.18.2-2005/ CSA B125.2-05, <i>Plumbing Waste Fittings</i> . (Supersedes Plumbing Products No. 174.)	Plumbing Products No. 174A
October 1, 2008	Extension of the “Apply Before Date” in Plumbing Products No. 175, ASME A112.18.3-2005/ CSA B125.3-05, <i>Plumbing Fittings</i> . (Supersedes Plumbing Products No. 174.)	Plumbing Products No. 175A
October 1, 2009	Announcing revised requirements for the acceptance of non-CSA certified gas, electrical, and plumbing products in recreational vehicles, park model trailers, mobile homes, and modular homes. (Supersedes Building Products No. 14 & 14A/Recreational Vehicles No. 28 & 28A.)	Building Products No. 14B / Recreational Vehicles No. 28B



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 214-08, 7th edition

Communications Cables (bi-national standard with UL 444, fourth edition)

PDF only \$465

This standard applies to 60 °C to 250 °C single- or multiple-conductor, jacketed or unjacketed, integral or non-integral cables and single or multiple coaxial cables for telephone and other communication circuits such as voice, data, and audio for on-premise customer systems. These cables may contain one or more optical fibre members. For the purpose of this standard, a *coaxial cable* or *coaxial member conductor* is a single conductor with a shield. For the purpose of this standard, a *single- or multiple-conductor unjacketed cable is a cross-connect wire*.

This standard applies to communications cables that are intended primarily for installation in accordance with Section 60 of the *Canadian Electrical Code (CEC), Part I*, and Article 800 of the *National Electrical Code (NEC)*, ANSI/NFPA 70. These cables are rated for 300 V applications but are not so marked.

C22.3 No. 9-08, 1st edition

Interconnection of Distributed Resources and Electricity Supply Systems

PDF only \$135

This standard specifies the technical requirements for the interconnection of distributed resources (DR) and distribution systems up to 50 kV line to line. This standard covers all distributed resource technologies with an aggregate capacity of 10 MW or less at the point of common coupling (PCC).

This standard covers the interconnection of the following:

- inverter-based DR systems and distribution systems where the PCC is at medium voltage
- generator-based DR systems and distribution systems where the PCC is at low or medium voltage.

See CAN/CSA-C22.2 No. 257 for interconnections of inverter-based DR systems and distribution systems where the PCC is at low voltage.



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

C199-08, 3rd edition

Three-Phase Network Distribution Transformers

PDF only \$65

This standard specifies the mechanical and electrical characteristics of three-phase network distribution transformers with rated primary voltages up to 34.5 kV and kV•A ratings of 500 to 2500.

This standard applies only to three-phase distribution transformer units intended for use in a ventilated vault or enclosure below grade level.

The equipment covered by this standard is primarily intended for operation by electric utilities on effectively grounded underground distribution systems.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C68.5-07, 1^{re} édition

Câbles primaires avec écran et à neutre concentrique pour services publics de distribution

Papier..... 215 \$

PDF 195 \$

Cette norme s'applique aux matériaux, à la construction et à la mise à l'essai des monoconducteurs recouverts d'un isolant en polyéthylène réticulaire avec retardateur d'arborescence et en caoutchouc éthylène-propylène ou des câbles de puissance primaires avec écran et à neutre concentrique dotés de trois conducteurs, d'une tension nominale de 15 à 46 kV, utilisés pour le transport et la distribution de l'énergie électrique.

Amendments

CAN/CSA-C60888:03 (bilingual)

Zinc-Coated Steel Wired for Stranded Conductors (Adopted CEI/IEC 888:1987, first edition, with Canadian deviations)

Addition of Canadian deviation to Table II.

Modifications publiées en français

CAN/CSA-C60888:03 (bilingue)

Fils en acier zingué pour conducteurs câblés (norme CEI/IEC 888:1987, première édition, adoptée avec exigences propres au Canada)

Adjonction d'une exigence propre au Canada à la table II.

Reaffirmed Standards

C22.2 No. 99-1954 (R2008)

Construction and Test of Domestic Electric Ironing Machines

C22.2 No. 102-1958 (R2008)

Brooders and Incubators

CAN/CSA-C22.2 No. 60601-1-2:03 (R2008)

Medical Electrical Equipment — Part 1-2: General Requirements for Safety — Collateral Standard: Electromagnetic Compatibility — Requirements and Tests (Adopted CEI/IEC 60601-1-2:2001, second edition, including Amendment 1:2004, without modification)

C49.2-1975 (R2008)

Compact Aluminum Conductors Steel Reinforced (ACSR)

C49.3-1977 (R2008)

Aluminum Alloy 1350 Round Wire, All Tempers, for Electrical Purposes

C49.5-1978 (R2008)

Compact Round Concentric-Lay Aluminum Stranded Conductors (Compact ASC)

CAN/CSA-C60871-1:03 (R2008)

Shunt capacitors for A.C. power systems having a rated voltage above 1 000 V — Part 1: General — Performance, testing and rating — Safety requirements — Guide for installation and operation (Adopted CEI/IEC 60871-1:1997, second edition, with Canadian deviations)

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
July 2, 2008	Clarification of CSA standard C22.2 No. 49-06, <i>Flexible Cords and Cables</i> , for acceptance of materials other than those specified in the CSA standard.	Wire and Cable No. 40
July 3, 2008	Publication of Update No. 2 to CSA C22.2 No. 218.2-93. This requirement is an additional option for hydromassage bathtubs.	Plumbing Products No. 186
July 31, 2008	CSA List of Technical Requirements No. M-002-2008 as Interim Certification Requirements for Inside-the-Delta Horsepower Ratings. These requirements are expected to be published in the next edition or update of CSA standard C22.2 No. 14.	Industrial Control Equipment No. 25



Certification Notices

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

Effective Date	Subject	Title
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
December 31, 2008	Publication of CSA standard C22.2 No. 256-05, <i>Direct Plug-In Nightlights</i> .	Lighting Products No. 49
January 30, 2009	Publication of CSA standard C22.2 No. 45.1-07, <i>Electrical Rigid Metal Conduit — Steel</i> (tri-national standard with UL 6 and NMX-J-534-ANCE-2007). (Supersedes Conduit No. 14.)	Conduit No. 21
January 30, 2009	Publication of CSA standard C22.2 No. 83.1-07, <i>Electrical Metallic Tubing — Steel</i> (tri-national standard with UL 797 and NMX-J-536-ANCE-2007). (Supersedes Raceways and Fittings No. 5.)	Raceways and Fittings No. 6
January 31, 2009	Publication of Update No. 1 to CSA standard C22.2 No. 18.3-04, <i>Conduit Tubing and Cable Fittings</i> (tri-national standard with NMX-J-017-ANCE and UL514B).	Wiring Products No. 10
February 27, 2009	New and revised requirements in standard UL 588, <i>Seasonal and Holiday Decorative Products, 18th edition</i> .	Lighting Products No. 50
► July 1, 2009	Publication of CSA standard CAN/CSA-E60691:08, <i>Thermal-Links — Requirements and Application Guide</i> (Adopted CEI/IEC 60691:2002, third edition, including Amendment 1:2006, with Canadian deviations)	Signal Sensing and Controls No. 5
► December 15, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 227.2.1-04, <i>Liquid-Tight Flexible Nonmetallic Conduit</i> (bi-national standard with UL 1660).	Conduit No. 22
December 31, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets</i> . (Supersedes Wiring Devices No. 37.)	Wiring Devices No. 37A

Certification Notices (cont'd)

Effective Date	Subject	Title
January 1, 2010	Publication of the second edition of CSA standard CAN/CSA-C681-06, <i>Performance of Self-Ballasted Compact Fluorescent lamps and Ballasted Adapters</i> .	Verification Service Announcement No. 35
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
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
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
January 1, 2012	Publication of CAN/CSA-E61131-2:06, <i>Programmable Controllers — Part 2: Equipment requirements and tests</i> (Adopted IEC 61131-2:2003, 2nd edition, with Canadian deviations).	Programmable Controllers No. 1
May 1, 2012 (Canada)	Publication of bi-national standard CSA C22.2 No. 66-06 Series and UL 5085 Series, <i>Low Voltage Transformers</i> .	Transformers No. 6



Certification Notices (cont'd)

Effective Date	Subject	Title
August 21, 2016	Publication of 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

N285.0-08/N285.6 Series-08, 1st edition

General Requirements for Pressure-Retaining Systems and Components in CANDU

Nuclear Power Plants / Material Standards for Reactor Components for CANDU

Nuclear Power Plants

Paper.....	\$375
PDF.....	\$340

This publication contains the following standards:

- **N285.0**, *General Requirements for Pressure-Retaining Systems and Components in CANDU Nuclear Power Plants*. This standard specifies the technical requirements for the design, procurement, fabrication, installation, modification, repair, replacement, testing, examination, and inspection of, and other work related to, pressure-retaining and containment systems, components, and supports over the service life of a CANDU nuclear power plant. This standard applies to all pressure-retaining systems, including their components and supports, in a CANDU nuclear power plant.
- **N285.6.1**, *Pressure Tubes for Use in CANDU Fuel Channels*. This standard specifies requirements for the fabrication and properties of seamless zirconium–2.5wt % niobium (Zr-2.5Nb) alloy pressure tubes for use in fuel channels in CANDU reactors.
- **N285.6.2**, *Seamless Zirconium Alloy Tubing for Reactivity Control Units*. This standard specifies requirements for the fabrication and properties of seamless zirconium alloy tubing, Grades R60802 and R60804, with diameter-to-wall thickness ratios less than 80. This tubing is used for reactivity control units in CANDU reactors.
- **N285.6.3**, *Annealed Seamless Zirconium Alloy Tubing for Liquid Injection Shutdown System (LISS) Nozzles*. This standard specifies requirements for the fabrication and properties of seamless zirconium–tin alloy tubing, Grade R60802 or R60804, which is suitable for use in liquid injection shutdown system (LISS) nozzles located in the moderator water in the core of a CANDU reactor.
- **N285.6.4**, *Thin-Walled, Large-Diameter Zirconium Alloy Tubing*. This standard specifies requirements for the fabrication and properties of thin-walled, large-diameter tubing made from zirconium–tin alloys, Grade R60802 or R60804.
- **N285.6.6**, *Non-Destructive Examination Criteria for Zirconium Alloys*. This standard specifies requirements for non-destructive examinations (NDEs) of zirconium alloy components during manufacturing. NDE methods include visual, radiographic, liquid-penetrant, ultrasonic, and eddy current techniques.
- **N285.6.7**, *Zirconium Alloy Design Data*. This standard specifies the physical and mechanical property data to be used in the design of the zirconium alloy components specified in the CSA N285.6 Series.



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

N285.0-08/N285.6 Series-08 (cont'd)

- **N285.6.8**, *Martensitic Stainless Steel for Fuel-Channel End Fittings*. This standard specifies requirements for martensitic stainless steel forged blanks for the fuel-channel end fittings of a CANDU reactor.
- **N285.6.9**, *Materials for Supports for Pressure-Retaining Items*. This standard specifies requirements for material for the support of pressure-retaining items in CANDU nuclear power plants. The materials covered in this standard are in addition to the materials permitted by the ASME Boiler and Pressure Vessel Code (BPVC), Section III, Division 1, NF-2000, and Code Cases.
- **N285.6.10**, *Nickel-Based Alloy Wire for Fuel-Channel Spacers*. This standard specifies requirements for the nickel-based alloy (UNS N07750) wire used to form spacers for use between the pressure tubes and calandria tubes in the fuel channels in a CANDU reactor.
- **N285.6.11**, *Zirconium Alloy Wire*. This standard specifies requirements for wires made from zirconium–tin alloy, Grade R60802 or R60804, used in the welding of zirconium components and in the manufacture of the spacers that are installed between pressure tubes and calandria tubes in the fuel channels in a CANDU reactor.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

N292.2-07, 2^e édition

Entreposage à sec provisoire du combustible irradié

Papier.....	220 \$
PDF.....	200 \$

Cette norme s'applique aux systèmes d'entreposage à sec provisoire du combustible irradié.

Cette norme établit des exigences visant le choix des emplacements, la conception, la construction, la mise en service, l'exploitation et le déclassé des systèmes d'entreposage à sec. Les systèmes d'entreposage à sec comprennent toutes les installations, structures, services de soutien et appareillages nécessaires pour :

- a) le transfert du combustible irradié :
 - (i) des piscines d'entreposage aux contenants de transfert ; et
 - (ii) à une installation d'entreposage à sec ;
- b) le traitement des contenants de transfert ;
- c) l'entreposage du combustible irradié ;
- d) la surveillance ;
- e) le retrait du combustible irradié entreposé à sec ; et
- f) la planification du déclassé.

Cette norme établit des exigences de sûreté et de sécurité visant les systèmes d'entreposage à sec.

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

Z662-07, 5^e édition

Réseaux de canalisations de pétrole et de gaz (comprend aussi la Z662.1-07,
Commentary on CSA Z662-07, “Oil and Gas Pipeline Systems”)

Papier.....	695 \$
PDF.....	695 \$

Cette norme traite de la conception, de la construction, de l’exploitation et de l’entretien des réseaux de canalisations des industries gazière et pétrolière qui transportent :

- les hydrocarbures liquides, y compris le pétrole brut, les fluides multiphasés, les condensats, les dérivés liquides du pétrole et du gaz naturel et les gaz de pétrole liquéfiés ;
- les eaux de gisement ;
- la vapeur utilisée pour la mise en valeur de champs pétroliers ;
- le dioxyde de carbone utilisé pour la récupération assistée du pétrole ; ou
- le gaz.

Cette norme vise à établir les exigences essentielles et les normes minimales relatives à la conception, à la construction, à l’exploitation et à l’entretien des réseaux de canalisations de pétrole et de gaz. Elle ne constitue pas un manuel de conception et il est conseillé d’allier un bon jugement à la compétence technique au moment de son utilisation.

Amendments

C300-08

Energy Performance and Capacity of Household Refrigerators, Refrigerator-Freezers, Freezers, and Wine Chillers

Revision of Clauses 4.4.2 and 6.1.3.2.1.

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

Z276-07

Liquefied Natural Gas (LNG) — Production, Storage, and Handling

Revision of Clauses 2 and 9.1.1.

Modifications publiées en français

C300-08

Performance énergétique et capacité des réfrigérateurs, des réfrigérateurs-congélateurs, des congélateurs et des réfrigérants à vin ménagers

Des modifications ont été apportées aux articles 4.4.2 et 6.1.3.2.1.

Cette norme est offerte en format PDF seulement.



Modifications publiées en français (suite)

Z276-07

Gaz naturel liquéfié (GNL) : production, stockage et manutention

Des modifications ont été apportées au chapitre 3 et à l'article 9.1.1.

Reaffirmed Standards

CAN/CSA-B72-M87 (R2008)

Installation Code for Lightning Protection Systems

Formal Interpretations

The following interpretation regarding Clause 5.6.2 of CSA standard N289.3, *Design Procedures for Seismic Qualification of CANDU Nuclear Power Plants*, has been approved by the Technical Committee on Seismic Design.

Question: The seismic analysis for Feeder piping in operating nuclear plants under DBE ASME level C conditions is sometimes performed using damping values up to 8% as supported by testing and independent review in accordance with Clause 5.6.2 of CSA N289.3. Is the use of damping value up to 8% in CANDU feeder seismic analysis in accordance with Clause 5.6.2?

Answer: Yes.

The following interpretation regarding Clause 4.3.13 of CSA standard CSA Z662-07, *Oil and Gas Pipeline Systems*, has been approved by the Technical Committee on Oil & Gas Pipeline Systems.

Question: With our Pigging Valve, we use an “Entry Plug” on the top of a ball valve to facilitate access to the valve ball for insertion and removal of pipeline pigs. Would this be deemed as a “Quick-Opening Closure”?

Answer: Yes.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
July 3, 2008	Publication of CSA B140.10-06, <i>Oil-Fired Warm Air Heating Appliances for Mobile Housing and Recreational Vehicles</i> .	Fuel Burning Equipment No. 95

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

PLUS 14021, 2nd edition

Environmental claims: A guide for industry and advertisers

This document is available “Free of Charge” at Shop.CSA.com.

The first objective of this guide is to provide the users of ISO 14021, *Environmental labels and declarations — Self-declared environmental claims (Type II environmental labelling)*, with a best-practice guide to the application of the standard and some practical examples of how the standard could be applied to environmental claims in the Canadian marketplace.

The second objective is to help industry and advertisers comply with certain provisions of the *Competition Act*, the *Consumer Packaging and Labelling Act*, and the *Textile Labelling Act*, administered and enforced by the Competition Bureau, an independent agency that contributes to the prosperity of Canadians by protecting and promoting competitive markets and enabling informed consumer choice. To achieve both of these objectives, the Bureau has partnered with CSA on this edition to ensure it is offered free of charge to the public and that it will serve both as an aid to interpreting CAN/CSA-ISO 14021 and as a best-practice guide to complying with the provisions of the above statutes that prohibit false or misleading representations.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

PLUS 14021, 2^e édition

Déclarations environnementales : Guide pour l'industrie et les publicitaires

Ce document est disponible gratuitement au Shop.CSA.com.

L'objectif premier de ce guide est de fournir aux utilisateurs de l'ISO 14021, *Marquages et déclarations environnementaux — Autodéclarations environnementales (Étiquetage de type II)*, un guide de pratiques exemplaires d'application de la norme et quelques exemples concrets de la façon d'appliquer la norme aux déclarations environnementales sur le marché canadien.

Le second objectif est d'aider l'industrie et les publicitaires à respecter certaines dispositions de la *Loi sur la concurrence*, de la *Loi sur l'emballage et l'étiquetage des produits de consommation* et de la *Loi sur l'étiquetage des textiles* qui relèvent du Bureau de la concurrence, organisme indépendant qui contribue à la prospérité des Canadiens en protégeant et en favorisant des marchés concurrentiels et en permettant aux consommateurs de faire des choix éclairés. C'est à cette fin qu'il a collaboré avec l'Association canadienne de normalisation (CSA) pour que la présente édition soit offerte gratuitement au public et aide les personnes concernées à interpréter la CAN/CSA-ISO 14021 et à suivre les pratiques exemplaires afin de respecter les dispositions des lois précitées qui interdisent les indications fausses ou trompeuses.



Reaffirmed Standards

Z752-03 (R2008)

Definition of Household Hazardous Waste



Completed Projects / Projets terminés

Amendments

ANSI Z21.10.3b-2008/CSA 4.3b-2008

Addenda B to “Gas Water Heaters”

PDF only \$65

This document provides revisions to ANSI Z21.10.3-2004/CSA 4.3-2004 and ANSI Z21.10.3a-2007/CSA 4.3a-2007.

ANSI Z21.56a-2008/CSA 4.7a-2008

Addenda A to “Gas-Fired Pool Heaters”

Paper \$70

PDF \$65

This document provides revisions to ANSI Z21.56-2005/CSA 4.7-2005.

ANSI Z21.47b-2008/CSA 2.3b-2008

Addenda B to “Gas-Fired Central Furnaces”

Paper \$70

PDF \$60

This document provides revisions to ANSI Z21.47-2006/CSA 2.3-2006 and ANSI Z21.47a-2007/CSA 2.3a-2007.

ANSI Z21.57b-2008

Addenda B to “Recreational Vehicle Cooking Gas Appliances”

Paper \$70

PDF \$60

This document provides revisions to ANSI 21.57-2005 and ANSI Z21.57a-2007.

Reaffirmed Standards

ANSI Z21.22-1999/CSA 4.4-M99 (R2008)

Relief Valves for Hot Water Supply Systems



Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
September 1, 2008	Publication of ANSI Z21.50-2007/CSA 2.22-2007, <i>Vented Gas Fireplaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.50-2003/CSA 2.22-2003, ANSI Z21.50a-2003/CSA 2.22a-2003, and ANSI Z21.50b-2005/CSA 2.22b-2005.	Gas Products No. 127
September 1, 2008	Publication of ANSI Z21.11.2-2007, <i>Gas-Fired Room Heaters — Volume II — Unvented Room Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.11.2-2001, ANSI Z21.11.2a-2003, and ANSI Z21.11.2b-2004.	Gas Products No. 121
January 1, 2009	Publication of ANSI Z21.58-2007/CSA 1.6-2007, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.58-2005/CSA 1.6-2005, ANSI Z21.58a-2006/CSA 1.6a-2006, and ANSI Z21.58b-2006/CSA 1.6b-2006.	Gas Products No. 126
February 1, 2009	Publication of ANSI Z83.11a-2007/CSA 1.8a-2007, <i>Addenda A to “Gas Food Service Equipment.”</i> The revisions in this standard supersede any corresponding provisions of ANSI Z83.11-2006/CSA 1.8-2006.	Gas Products No. 151
March 1, 2009	Publication of ANSI Z83.7a-2007/CSA 2.14a-2007, <i>Addenda A to “Gas-Fired Construction Heaters.”</i> The revisions in this standard supersede any corresponding provisions of ANSI Z83.7-2000/CSA 2.14-2000.	Gas Products No. 150
April 1, 2009	Publication of ANSI Z83.20-2008/CSA 2.34-2008, <i>Gas-Fired Low-Intensity Infrared Heaters</i> . The revisions in this addenda supersede any corresponding provisions in ANSI Z83.20-2001/CSA 2.34-2001, ANSI Z83.20a-2003/CSA 2.34a-2003, and ANSI Z83.20b-2004/CSA 2.34b-2004.	Gas Products No. 153
August 3, 2009	Publication of ANSI NGV 2-2007, <i>Compressed Natural Gas Vehicle Fuel Containers</i> .	Gas Products No. 147



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

D270-08, 1st edition

Multi-Functional Activity Buses

Paper.....	\$85
PDF	\$75

The purpose of this standard is to provide a class of vehicle that is a safer alternative to non-conforming vehicles. The multi-functional activity bus (MFAB) is derived from the requirements of CSA D250, minus traffic, pedestrian control device, and colour requirements. The intent is to develop safety requirements for a vehicle that is not used as a school bus but is intended to be constructed under the same safety requirements as a school bus. Requirements on joint strength, crashworthiness, rollover protection, emergency exits, compartmentalization, and other safety features that make school buses the safest vehicles on the road are applied by this standard to MFABs.

This standard specifies chassis, body, and safety equipment requirements for multi-functional activity buses.

This standard applies to Type A1, A2, B, C, and D multi-functional activity buses.

Z263.1-08, 1st edition

Recreational Alpine Skiing and Snowboarding Helmets

Paper.....	\$65
PDF	\$60

This standard applies to helmets intended to reduce head injury risk for recreational alpine skiers and snowboarders. These helmets can also be worn for other non-motorized recreational snow-sport activities. This standard defines the areas of the head that are to be protected for impact injuries. It covers the basic performance requirements for shock absorption, helmet stability, and retention system strength, as well as marking and labelling requirements.

Reaffirmed Standards

M684-03 (R2008)

Definitions and Classifications of Agricultural Field Equipment

Z795-03 (R2008)

Coding of Work Injury or Disease Information



Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
July 7, 2008	Announcing requirements for factory tests performed by CSA International on behalf of the Submitter/Factory for products certified to CSA standards CAN/CSA Z262.2-M90 (R2007), and CAN/CSA Z262.1-M90 (R2007).	Sports and Recreational Equipment No. 10
July 31, 2008	Publication of CAN/CSA-C22.2 No. 60601-1:08 and ANSI/AAMI ES60601-1:2005; new collaterals and particular (Part 2) standards in the CAN/CSA-C22.2 No. 60601 series.	Health Care Equipment No. 20

Certification Notices

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

Effective Date	Subject	Title
► February 20, 2009	Publication of ANSI Z87.1- 2003, <i>Occupational and Educational Personal Eye and Face Protection Devices</i> .	Occupational Health and Safety Products No. 54
July 1, 2009	Publication of ANSI/ASSE Z359.1-2007, <i>Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components</i> .	Occupational Health and Safety Products No. 52
July 1, 2009	Publication of Update TIA 06-1 to NFPA 1983, <i>Standard on Life Safety Rope and Equipment for Emergency Services</i> (2006 edition).	Occupational Health and Safety Products No. 53



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



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