



**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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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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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 416-747-4171, or fax 416-747-2476.



Communications/Information

[CAN/CSA-ISO/IEC 9075-14:07, 1st edition](#)

Information technology — Database languages — SQL Part 14: XML-Related Specifications (SQL/XML) (Adopted ISO/IEC 9075-14:2006)

[CAN/CSA-ISO/IEC 9995-1:07, 1st edition](#)

Information technology — Keyboard layouts for text and office systems — Part 1: General principles governing keyboard layouts (Adopted ISO/IEC 9995-1:2006)

[CAN/CSA-ISO/IEC 9995-5:07, 1st edition](#)

Information technology — Keyboard layouts for text and office systems — Part 5: Editing section (Adopted ISO/IEC 9995-5:2006)

[CAN/CSA-ISO/IEC 9995-6:07, 1st edition](#)

Information technology — Keyboard layouts for text and office systems — Part 6: Function section (Adopted ISO/IEC 9995-6:2006)

[CAN/CSA-ISO/IEC 9995-8:07, 1st edition](#)

Information technology — Keyboard layouts for text and office systems — Part 8: Allocation of letters to the keys of a numeric keypad (Adopted ISO/IEC 9995-8:2006)

[CAN/CSA-ISO/IEC 10373-1:07, 1st edition](#)

Identification cards — Test methods — Part 1: General characteristics (Adopted ISO/IEC 10373-1:2006)

[CAN/CSA-ISO/IEC 10373-2:07, 1st edition](#)

Identification cards — Test methods — Part 2: Cards with magnetic stripes (Adopted ISO/IEC 10373-2:2006)

[CAN/CSA-ISO/IEC 10967-3:07, 1st edition](#)

Information technology — Language independent arithmetic — Part 3: Complex integer and floating point arithmetic and complex elementary numerical functions (Adopted ISO/IEC 10967-3:2006)

[CAN/CSA-ISO/IEC 11770-4:07, 1st edition](#)

Information technology — Security techniques — Key management — Part 4: Mechanisms based on weak secrets (Adopted ISO/IEC 11770-4:2006)

[CAN/CSA-ISO/IEC 13249-6:07, 1st edition](#)

Information technology — Database languages — SQL multimedia and application packages — Part 6: Data mining (Adopted ISO/IEC 13249-6:2006)

[CAN/CSA-ISO/IEC 13250-2:07, 1st edition](#)

Information technology — Topic Maps — Part 2: Data model (Adopted ISO/IEC 13250-2:2006)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 13250-3:07, 1st edition](#)

Information technology — Topic Maps — Part 3: XML syntax
(Adopted ISO/IEC 13250-3:2007)

[CAN/CSA-ISO/IEC 14143-6:07, 1st edition](#)

Information technology — Software measurement — Functional size measurement — Part 6: Guide for use of ISO/IEC 14143 series and related International Standards
(Adopted ISO/IEC 14143-6:2006)

[CAN/CSA-ISO/IEC 14496-11:07, 1st edition](#)

Information technology — Coding of audio-visual objects — Part 11: Scene description and application engine (Adopted ISO/IEC 14496-11:2005)

[CAN/CSA-ISO/IEC 14496-17:07, 1st edition](#)

Information technology — Coding of audio-visual objects — Part 17: Streaming text format (Adopted ISO/IEC 14496-17:2006)

[CAN/CSA-ISO/IEC 14496-20:07, 1st edition](#)

Information technology — Coding of audio-visual objects — Part 20: Lightweight Application Scene Representation (LAsER) and Simple Aggregation Format (SAF)
(Adopted ISO/IEC 14496-20:2006)

[CAN/CSA-ISO/IEC 14496-21:07, 1st edition](#)

Information technology — Coding of audio-visual objects — Part 21: MPEG-J Graphics Framework eXtensions (GFX) (Adopted ISO/IEC 14496-21:2006)

[CAN/CSA-ISO/IEC 14496-22:07, 1st edition](#)

Information technology — Coding of audio-visual objects — Part 22: Open Font Format
(Adopted ISO/IEC 14496-22:2007)

[CAN/CSA-ISO/IEC 14543-2-1:07, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 2-1: Introduction and device modularity (Adopted ISO/IEC 14543-2-1:2006)

[CAN/CSA-ISO/IEC 14543-3-1:07, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 3-1: Communication layers – Application layer for network based control of HES Class 1
(Adopted ISO/IEC 14543-3-1:2006)

[CAN/CSA-ISO/IEC 14543-3-2:07, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 3-2: Communication layers — Transport, network and general parts of data link layer for network based control of HES Class 1 (Adopted ISO/IEC 14543-3-2:2006)

[CAN/CSA-ISO/IEC 14543-3-3:07, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 3-3: User process for network based control of HES Class 1 (Adopted ISO/IEC 14543-3-3:2007)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 14543-3-4:07, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 3-4: System management — Management procedures for network based control of HES Class 1 (Adopted ISO/IEC 14543-3-4:2007)

[CAN/CSA-ISO/IEC 14543-3-6:07, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 3-6: Media and media dependent layers — Twisted pair for network based control of HES Class 1 (Adopted ISO/IEC 14543-3-6:2007)

[CAN/CSA-ISO/IEC 14543-3-7:07, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 3-7: Media and media dependent layers — Radio frequency for network based control of HES Class 1 (Adopted ISO/IEC 14543-3-7:2007)

[CAN/CSA-ISO/IEC 14763-3:07, 1st edition](#)

Information technology — Implementation and operation of customer premises cabling — Part 3: Testing of optical fibre cabling (Adopted ISO/IEC 14763-3:2006)

[CAN/CSA-ISO/IEC 14776-351:07, 1st edition](#)

Information technology — Small computer system interface-3 (SCSI-3) — Part 351: Medium changer commands (SMC) (Adopted ISO/IEC 14776-351:2007)

[CAN/CSA-ISO/IEC 14776-362:07, 1st edition](#)

Information technology — Small computer system interface (SCSI) — Part 362: Multimedia commands-2 (MMC-2) (Adopted ISO/IEC 14776-362:2006)

[CAN/CSA-ISO/IEC 14776-413:07, 1st edition](#)

Information technology — Small computer system interface (SCSI) — Part 413: Architecture model-3 (SAM-3) (Adopted ISO/IEC 14776-413:2007)

[CAN/CSA-ISO/IEC 14888-3:07, 1st edition](#)

Information technology — Security techniques — Digital signatures with appendix — Part 3: Discrete logarithm based mechanisms (Adopted ISO/IEC 14888-3:2006)

[CAN/CSA-ISO/IEC 15414:07, 2nd edition](#)

Information technology — Open distributed processing — Reference model — Enterprise language (Adopted ISO/IEC 15414:2006)

[CAN/CSA-ISO/IEC 15426-2:07, 1st edition](#)

Information technology — Automatic identification and data capture techniques — Bar code verifier conformance specification — Part 2: Two-dimensional symbols (Adopted ISO/IEC 15426-2:2005)

[CAN/CSA-ISO/IEC 15438:07, 2nd edition](#)

Information technology — Automatic identification and data capture techniques — PDF417 bar code symbology specification (Adopted ISO/IEC 15438:2006)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 15459-1:07, 2nd edition](#)

Information technology — Unique identifiers — Part 1: Unique identifiers for transport units (Adopted ISO/IEC 15459-1:2006)

[CAN/CSA-ISO/IEC 15459-2:07, 2nd edition](#)

Information technology — Unique identifiers — Part 2: Registration procedures (Adopted ISO/IEC 15459-2:2006)

[CAN/CSA-ISO/IEC 15459-3:07, 1st edition](#)

Information technology — Unique identifiers — Part 3: Common rules for unique identifiers (Adopted ISO/IEC 15459-3:2006)

[CAN/CSA-ISO/IEC 15459-4:07, 1st edition](#)

Information technology — Unique identifiers — Part 4: Unique identifiers for supply chain management (Adopted ISO/IEC 15459-4:2006)

[CAN/CSA-ISO/IEC 15504-5:07, 1st edition](#)

Information technology — Process Assessment — Part 5: An exemplar Process Assessment Model (Adopted 15504-5:2006)

[CAN/CSA-ISO/IEC 15693-2:07, 2nd edition](#)

Identification cards — Contactless integrated circuit cards — Vicinity cards — Part 2: Air interface and initialization (Adopted ISO/IEC 15693-2:2006)

[CAN/CSA-ISO/IEC 15938-9:07, 1st edition](#)

Information technology — Multimedia content description interface — Part 9: Profiles and levels (Adopted ISO/IEC 15938-9:2005)

[CAN/CSA-ISO/IEC 15938-10:07, 1st edition](#)

Information technology — Multimedia content description interface — Part 10: Schema definition (Adopted ISO/IEC 15938-10:2005, including Technical Corrigendum 1:2007)

[CAN/CSA-ISO/IEC TR 15938-11:07, 1st edition](#)

Information technology — Multimedia content description interface — Part 11: MPEG-7 profile schemas (Adopted ISO/IEC TR 15938-11:2005)

[CAN/CSA-ISO/IEC 15944-2:07, 1st edition](#)

Information technology — Business Operational View — Part 2: Registration of scenarios and their components as business objects (Adopted ISO/IEC 15944-2:2006)

[CAN/CSA-ISO/IEC 16085:07, 2nd edition](#)

Systems and software engineering — Life cycle processes — Risk management (Adopted ISO/IEC 16085:2006)

[CAN/CSA-ISO/IEC 17341:07, 2nd edition](#)

Information technology — Data Interchange on 120 mm and 80 mm Optical Disk using +RW Format — Capacity: 4,7 Gbytes and 1,46 Gbytes per Side (Recording speed up to 4X) (Adopted ISO/IEC 17341:2006)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 19757-2:07, 1st edition](#)

Information technology — Document Schema Definition Language (DSDL) — Part 2: Regular-grammar-based validation — RELAX NG (Adopted ISO/IEC 19757-2:2003)

[CAN/CSA-ISO/IEC 21000-4:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 4: Intellectual Property Management and Protection Components (Adopted ISO/IEC 21000-4:2004)

[CAN/CSA-ISO/IEC 21000-5:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 5: Rights Expression Language (Adopted ISO/IEC 21000-5:2004)

[CAN/CSA-ISO/IEC 21000-6:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 6: Rights Data Dictionary (Adopted ISO/IEC 21000-6:2004, including Technical Corrigendum 1:2005 and Technical Corrigendum 2:2007)

[CAN/CSA-ISO/IEC 21000-7:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 7: Digital Item Adaptation (Adopted ISO/IEC 21000-7:2004)

[CAN/CSA-ISO/IEC 21000-8:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 8: Reference Software (Adopted ISO/IEC 21000-8:2006)

[CAN/CSA-ISO/IEC 21000-9:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 9: File format (Adopted ISO/IEC 21000-9:2005)

[CAN/CSA-ISO/IEC 21000-10:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 10: Digital Item Processing (Adopted ISO/IEC 21000-10:2006)

[CAN/CSA-ISO/IEC TR 21000-11:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 11: Evaluation Tools for Persistent Association Technologies (Adopted ISO/IEC TR 21000-11:2004)

[CAN/CSA-ISO/IEC TR 21000-12:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 12: Test Bed for MPEG-21 Resource Delivery (Adopted ISO/IEC TR 21000-12:2005)

[CAN/CSA-ISO/IEC 21000-15:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 15: Event reporting (Adopted ISO/IEC 21000-15:2006)

[CAN/CSA-ISO/IEC 21000-16:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 16: Binary format (Adopted ISO/IEC 21000-16:2005)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 21000-17:07, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 17: Fragment Identification of MPEG Resources (Adopted ISO/IEC 21000-17:2006)

[CAN/CSA-ISO/IEC 24702:07, 1st edition](#)

Information technology — Generic cabling — Industrial premises (Adopted ISO/IEC 24702:2006)

[CAN/CSA-ISO/IEC TR 26905:07, 1st edition](#)

Information technology — Telecommunications and information exchange between systems — Enterprise Communication in Next Generation Corporate Networks (NGCN) involving Public Next Generation Networks (NGN) (Adopted ISO/IEC TR 26905:2006)

[CAN/CSA-ISO/IEC 26907:07, 1st edition](#)

Information technology — Telecommunications and information exchange between systems — High Rate Ultra Wideband PHY and MAC Standard (Adopted ISO/IEC 26907:2007)

[CAN/CSA-ISO/IEC 26908:07, 1st edition](#)

Information technology — Telecommunications and information exchange between systems — MAC-PHY Interface for ISO/IEC 26907 (Adopted ISO/IEC 26908:2007)

[CAN/CSA-ISO/IEC TR 26927:07, 1st edition](#)

Information technology — Telecommunications and information exchange between systems — Corporate Telecommunication Networks — Mobility for Enterprise Communications (Adopted ISO/IEC TR 26927:2006)



Informatique et télécommunications

[CAN/CSA-ISO/IEC 9995-1:07, 1^{re} édition](#)

Technologies de l'information — Disposition des claviers conçus pour la bureautique — Partie 1: Principes généraux pour la disposition des claviers (norme ISO/CEI 9995-1:2006 adoptée)

[CAN/CSA-ISO/CEI 9995-5:07, 1^{re} édition](#)

Technologies de l'information — Disposition des claviers conçus pour la bureautique — Partie 5: Module d'édition (norme ISO/CEI 9995-5:2006 adoptée)

[CAN/CSA-ISO/CEI 9995-6:07, 1^{re} édition](#)

Technologies de l'information — Disposition des claviers conçus pour la bureautique — Partie 6: Module de fonctions (norme ISO/CEI 9995-6:2006 adoptée)

[CAN/CSA-ISO/CEI 9995-8:07, 1^{re} édition](#)

Technologies de l'information — Disposition des claviers conçus pour la bureautique — Partie 8: Affectation de lettres aux touches d'un clavier numérique (norme ISO/CEI 9995-8:2006 adoptée)

[CAN/CSA-ISO/CEI 15414:07, 2^e édition](#)

Technologies de l'information — Traitement réparti ouvert — Modèle de référence — Langage d'entreprise (norme ISO/CEI 15414:2006 adoptée)



Electrical/Electronics

[C22.2 No. 45.1-07, 2nd edition](#)

Electrical Rigid Metal Conduit — Steel (tri-national standard with NMX-J-534-ANCE-2007, 2nd edition, and UL 6, 14th edition)

[C22.2 No. 83.1-07, 2nd edition](#)

Electrical Metallic Tubing — Steel (tri-national standard with NMX-J-536-ANCE-2007, 2nd edition, and UL 797, 9th edition)

[CAN/CSA-C22.2 No. 61010-2-040:07, 1st edition \(bilingual\)](#)

Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (adopted CEI/IEC 61010-2-040:2005, first edition, without modification)



Électricité et électronique

[CAN/CSA-C22.2 n° 61010-2-040:07, 1^{re} édition \(bilingue\)](#)

Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire — Partie 2-040 : Exigences particulières pour stérilisateurs et laveurs désinfecteurs utilisés pour traiter le matériel médical (norme CEI/IEC 61010-2-040:2005, première édition, adoptée sans modifications)



Energy

[CAN/CSA-C61400-11:07, 1st edition](#)

Wind turbine generator systems — Part 11: Acoustic noise measurement techniques (Adopted IEC 61400-11:2002, second edition, including Amendment 1:2006, without modification)

[CAN/CSA-C61400-12-1:07, 1st edition](#)

Wind turbines — Part 12-1: Power performance measurements of electricity producing wind turbines (Adopted IEC 61400-12-1:2005, first edition, without modification)



Énergie

[C860-07, 3^e édition](#)

Performances des enseignes de sortie à éclairage interne



Gas Equipment

[ANSI LC4-2007/CSA 6.32-2007, 2nd edition](#)

Press-Connect Copper and Copper Alloy Fittings for Use in Fuel Gas Distribution Systems

[ANSI Z21.18-2007/CSA 6.3-2007, 3rd edition](#)

Gas Appliance Pressure Regulators

[ANSI Z21.87-2007/CSA 4.6-2007, 2nd edition](#)

Automatic Gas Shutoff Devices for Hot Water Supply Systems

[ANSI Z83.26-2007/CSA 2.37-2007, 1st edition](#)

Gas-Fired Outdoor Infrared Patio Heaters



Life Sciences

[CAN/CSA-C22.2 No. 61010-2-040:07, 1st edition \(bilingual\)](#)

Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (adopted CEI/IEC 61010-2-040:2005, first edition, without modification)

[Z98-07, 6th edition](#)

Passenger Ropeways and Passenger Conveyors



Sciences de la Vie

[ASME A17.7-2007/CSA B44.7-07, 1^{re} édition](#)

Code de sécurité axé sur les résultats pour les ascenseurs, monte-charges et escaliers mécaniques (norme binationale comprenant de la norme ASME A17.7-2007)

[CAN/CSA-C22.2 n° 61010-2-040:07, 1^{re} édition \(bilingue\)](#)

Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire — Partie 2-040 : Exigences particulières pour stérilisateurs et laveurs désinfecteurs utilisés pour traiter le matériel médical (norme CEI/IEC 61010-2-040:2005, première édition, adoptée sans modifications)

[Z614-07, 4^e édition](#)

Aires et équipements de jeu



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Please note: The following standards were developed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), and have been adopted by the Canadian Standards Association. These standards are available in Portable Document Format (PDF) only.

CAN/CSA-ISO/IEC 9075-14:07, 1st edition

Information technology — Database languages — SQL Part 14: XML-Related Specifications (SQL/XML) (Adopted ISO/IEC 9075-14:2006) \$390

CAN/CSA-ISO/IEC 9995-1:07, 1st edition

Information technology — Keyboard layouts for text and office systems — Part 1: General principles governing keyboard layouts (Adopted ISO/IEC 9995-1:2006) \$90

CAN/CSA-ISO/IEC 9995-5:07, 1st edition

Information technology — Keyboard layouts for text and office systems — Part 5: Editing section (Adopted ISO/IEC 9995-5:2006) \$60

CAN/CSA-ISO/IEC 9995-6:07, 1st edition

Information technology — Keyboard layouts for text and office systems — Part 6: Function section (Adopted ISO/IEC 9995-6:2006) \$40

CAN/CSA-ISO/IEC 9995-8:07, 1st edition

Information technology — Keyboard layouts for text and office systems — Part 8: Allocation of letters to the keys of a numeric keypad (Adopted ISO/IEC 9995-8:2006) \$50

CAN/CSA-ISO/IEC 10373-1:07, 1st edition

Identification cards — Test methods — Part 1: General characteristics (Adopted ISO/IEC 10373-1:2006) \$115

CAN/CSA-ISO/IEC 10373-2:07, 1st edition

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Information technology — Multimedia framework (MPEG-21) — Part 7: Digital Item Adaptation (Adopted ISO/IEC 21000-7:2004)..... \$330

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Veillez noter que les normes suivantes ont été élaborées par l'Organisation internationale de normalisation (ISO) et la Commission Électrotechnique Internationale (CEI) et ont été adoptées par l'Association canadienne de normalisation. Ces normes sont offertes en format PDF seulement.

CAN/CSA-ISO/IEC 9995-1:07, 1^{re} édition

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(norme ISO/CEI 9995-1:2006 adoptée) 90 \$

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CAN/CSA-ISO/CEI 9995-6:07, 1^{re} édition

Technologies de l'information — Disposition des claviers conçus pour la bureautique — Partie 6: Module de fonctions (norme ISO/CEI 9995-6:2006 adoptée) 40 \$

CAN/CSA-ISO/CEI 9995-8:07, 1^{re} édition

Technologies de l'information — Disposition des claviers conçus pour la bureautique — Partie 8: Affectation de lettres aux touches d'un clavier numérique
(norme ISO/CEI 9995-8:2006 adoptée) 50 \$

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Technologies de l'information — Traitement réparti ouvert — Modèle de référence — Langage d'entreprise (norme ISO/CEI 15414:2006 adoptée) 150 \$

Amendments

Please note: The following amendments/technical corrigenda were developed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), and have been adopted by the Canadian Standards Association. These documents are available in Portable Document Format (PDF) only.

CAN/CSA-ISO/IEC 1539-1:05 TC 1

Technical Corrigendum 1:2007 to CAN/CSA-ISO/IEC 1539-1:05, "Information technology — Programming languages — Fortran — Part 1: Base language"
(Adopted Technical Corrigendum 1:2006 to ISO/IEC 1539-1:2004) This document is available only with the purchase of the standard. It is not available as a separate document.



Amendments (cont'd)

CAN/CSA-ISO/IEC 1539-1:05 TC 2

Technical Corrigendum 2:2007 to CAN/CSA-ISO/IEC 1539-1:05, “Information technology — Programming languages — Fortran — Part 1: Base language”

(Adopted Technical Corrigendum 2:2007 to ISO/IEC 1539-1:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 7816-6:05 TC 1

Technical Corrigendum 1:2007 to CAN/CSA-ISO/IEC 7816-6:05, “Identification cards — Integrated circuit cards — Part 6: Interindustry data elements for interchange”

(Adopted Technical Corrigendum 1:2006 to ISO/IEC 7816-6:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 10118-2:02 TC 2

Technical Corrigendum 2:2007 to CAN/CSA-ISO/IEC 10118-2:02, “Information technology — Security techniques — Hash-functions — Part 2: Hash-functions using an n-bit block cipher”

(Adopted Technical Corrigendum 2:2007 to ISO/IEC 10118-2:2002) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 11172-4-96 TC 1

Technical Corrigendum 1:2007 to CAN/CSA-ISO/IEC 11172-4-96, “Information technology — Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s — Part 4: Compliance testing”

(Adopted Technical Corrigendum 1:2007 to ISO/IEC 11172-4:1995) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-1:05 TC 1

Technical Corrigendum 1:2007 to CAN/CSA-ISO/IEC 14496-1:05, “Information technology — Coding of audio-visual objects — Part 1: Systems”

(Adopted Technical Corrigendum 1:2006 to ISO/IEC 14496-1:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-1:05 TC 2

Technical Corrigendum 2:2007 to CAN/CSA-ISO/IEC 14496-1:05, “Information technology — Coding of audio-visual objects — Part 1: Systems”

(Adopted Technical Corrigendum 2:2007 to ISO/IEC 14496-1:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-3B:06 TC 1

Technical Corrigendum 1:2007 to Amendment 2:2006, “Audio Lossless Coding (ALS), new audio profiles and BSAC extensions”, to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio”

(Adopted Technical Corrigendum 1:2006 to Amendment 2:2006 to ISO/IEC 14496-3:2005) This document is available only with the purchase of the standard. It is not available as a separate document.

Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-5F:06 TC 1

Technical Corrigendum 1:2007 to Amendment 6:2006, “Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software”, to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Technical Corrigendum 1:2006 to Amendment 6:2006 to ISO/IEC 14496-5:2001) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-10:05 TC 2

Technical Corrigendum 2:2007 to CAN/CSA-ISO/IEC 14496-10:05, “Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding” (Adopted Technical Corrigendum 2:2006 to ISO/IEC 14496-10:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-14:04 TC 1

Technical Corrigendum 1:2007 to CAN/CSA-ISO/IEC 14496-14:04, “Information technology — Coding of audio-visual objects — Part 14: MP4 file format” (Adopted Technical Corrigendum 1:2006 to ISO/IEC 14496-14:2003) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-15:05 TC 1

Technical Corrigendum 1:2007 to CAN/CSA-ISO/IEC 14496-15:05, “Information technology — Coding of audio-visual objects — Part 15: Advanced Video Coding (AVC) file format” (Adopted Technical Corrigendum 1:2006 to ISO/IEC 14496-15:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-15:05 TC 2

Technical Corrigendum 2:2007 to CAN/CSA-ISO/IEC 14496-15:05, “Information technology — Coding of audio-visual objects — Part 15: Advanced Video Coding (AVC) file format” (Adopted Technical Corrigendum 2:2006 to ISO/IEC 14496-15:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-18:05 TC 1

Technical Corrigendum 1:2007 to CAN/CSA-ISO/IEC 14496-18:05, “Information technology — Coding of audio-visual objects — Part 18: Font compression and streaming” (Adopted Technical Corrigendum 1:2007 to ISO/IEC 14496-18:2004) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 15938-1B:04

Amendment 2:2007, “Fast access extension”, to CAN/CSA-ISO/IEC 15938-1:04, “Information technology — Multimedia content description interface — Part 1: Systems” (Adopted Amendment 2:2006 to ISO/IEC 15938-1:2002) \$150



Amendments (cont'd)

CAN/CSA-ISO/IEC 15938-3A:05 TC 1

Technical Corrigendum 1:2007 to Amendment 1:2005, “Visual extensions”, to CAN/CSA-ISO/IEC 15938-3:05, “Information technology — Multimedia content description interface — Part 3: Visual” (Adopted Technical Corrigendum 1:2005 to Amendment 1:2004 to ISO/IEC 15938-3:2002) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 15938-3A:05 TC 2

Technical Corrigendum 2:2007 to Amendment 1:2005, “Visual extensions”, to CAN/CSA-ISO/IEC 15938-3:05, “Information technology — Multimedia content description interface — Part 3: Visual” (Adopted Technical Corrigendum 2:2007 to Amendment 1:2004 to ISO/IEC 15938-3:2002) This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 19757-2A:07

Amendment 1:2007, “Compact Syntax”, to CAN/CSA-ISO/IEC 19757-2:07, “Information technology — Document Schema Definition Language (DSDL) — Part 2: Regular-grammar-based validation — RELAX NG” (Adopted Amendment 1:2006 to ISO/IEC 19757-2:2003)..... \$20

CAN/CSA-ISO/IEC 21000-5A:07

Amendment 1:2007, “MAM (Mobile And optical Media) profile”, to CAN/CSA-ISO/IEC 21000-5:07, “Information technology — Multimedia framework (MPEG-21) — Part 5: Rights Expression Language” (Adopted Amendment 1:2007 to ISO/IEC 21000-5:2004)..... \$150

CAN/CSA-ISO/IEC 21000-6A:07

Amendment 1:2007, “Digital Item Identifier relationship types”, to CAN/CSA-ISO/IEC 21000-6:07, “Information technology — Multimedia framework (MPEG-21) — Part 6: Rights Data Dictionary” (Adopted Amendment 1:2006 to ISO/IEC 21000-6:2004)..... \$20

CAN/CSA-ISO/IEC 21000-7A:07

Amendment 1:2007, “DIA Conversions and Permissions”, to CAN/CSA-ISO/IEC 21000-7:07, “Information technology — Multimedia framework (MPEG-21) — Part 7: Digital Item Adaptation” (Adopted Amendment 1:2006 to ISO/IEC 21000-7:2004)..... \$150

CAN/CSA-ISO/IEC 21000-10A:07

Amendment 1:2007, “Additional C++ bindings”, to CAN/CSA-ISO/IEC 21000-10:07, “Information technology — Multimedia framework (MPEG-21) — Part 10: Digital Item Processing” (Adopted Amendment 1:2006 to ISO/IEC 21000-10:2006) \$20



Reaffirmed Standards

T510-95 (R2007)

Performance and Compatibility Requirements for Telephone Sets With Loop Signalling

CAN/CSA-T515-97 (R2007)

Telecommunications — Telephone Terminal Equipment — Acoustic and Magnetic Field Requirements for Handset Telephones for Use by the Hard of Hearing

CAN/CSA-T531-M91 (R2007)

Acoustic-to-Digital and Digital-to-Acoustic Transmission Requirements for ISDN Terminals



Completed Projects / Projets terminés

Amendments

CAN/CSA-A220 Series-06

Concrete Roof Tiles

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

Modifications publiées en français

CAN/CSA-Série A220-06

Tuiles en béton pour couvertures

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

CAN/CSA-Série B45-02

Appareils sanitaires

CAN/CSA-Série B45 : Modification de la table des matières.

- CAN/CSA-B45.0 : Modification des articles 2, 3 et 15.8.6B.4. Les articles 8.7 et 15.15 ont été ajoutés.
 - CAN/CSA-B45.1 : Modification des articles 5.1 et 6.1.2.
-

Reaffirmed Standards

CAN/CSA-G30.18-M92 (R2007)

Billet-Steel Bars for Concrete Reinforcement

S478-95 (R2007)

Guideline on Durability in Buildings

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
April 1, 2008	Publication of CSA Components Acceptance Policy for non-CSA-certified non-electrical components for use in CSA-certified recreational vehicles, park model trailers, mobile homes, and modular homes.	Building Products No. 14 / Recreational Vehicles No. 28



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 45.1-07, 2nd edition

Electrical Rigid Metal Conduit — Steel (tri-national standard with NMX-J-534-ANCE-2007, 2nd edition, and UL 6, 14th edition) \$730

The requirements in this standard cover electrical rigid metal conduit–steel (ERMC–s), elbows, couplings, and nipples for use as a metal raceway for installation of wires and cables in accordance with the *Canadian Electrical Code, Part I* (CSA C22.1), the provisions of the *National Electrical Code* (NFPA 70), and the provisions of Mexico’s *Standard for Electrical Installations* (NOM-001-SEDE). ERMC–s is provided with a zinc, zinc-based, nonmetallic, or other alternate corrosion-resistant exterior coating and an organic or zinc interior coating. It is the user’s responsibility to determine the appropriate product for their application.

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

C22.2 No. 83.1-07, 2nd edition

Electrical Metallic Tubing — Steel (tri-national standard with NMX-J-536-ANCE-2007, 2nd edition, and UL 797, 9th edition) \$370

The requirements in this standard cover electrical metallic tubing – steel (EMT), and elbows for use as a metal raceway for installation of wires and cables in accordance with the *Canadian Electrical Code, Part I* (CSA C22.1), the provisions of the *National Electrical Code* (NFPA 70), and the provisions of Mexico’s *Standard for Electrical Installations* (NOM-001-SEDE). EMT is provided with a zinc, zinc-based, nonmetallic, or other alternate corrosion-resistant exterior coating and an organic or zinc interior coating. It is the user’s responsibility to determine the appropriate product for their application.

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

CAN/CSA-C22.2 No. 61010-2-040:07, 1st edition (bilingual)

Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (adopted CEI/IEC 61010-2-040:2005, first edition, without modification) \$140

This standard specifies safety requirements for electrical equipment intended for sterilizing, washing, and disinfecting medical materials in the medical, veterinary, pharmaceutical and laboratory fields.

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



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-C22.2 n° 61010-2-040:07, 1^{re} édition (bilingue)

Règles de sécurité pour appareils électriques de mesure, de régulation et de laboratoire — Partie 2-040 : Exigences particulières pour stérilisateurs et laveurs désinfecteurs utilisés pour traiter le matériel médical (norme CEI/IEC 61010-2-040:2005, première édition, adoptée sans modifications)..... 140 \$

Cette norme définit les règles de sécurité pour appareils électriques destinés à la stérilisation, au lavage et à la désinfection des matériaux médicaux dans les domaines médicaux, vétérinaires, pharmaceutiques et de laboratoire.

Cette norme est offerte en format PDF seulement.

Reaffirmed Standards

CAN/CSA-CEI/IEC 61000-4-7:03 (R2007)

Electromagnetic compatibility (EMC) — Part 4-7: Testing and measurement techniques — General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto (Adopted CEI/IEC 61000-4-7:2002, second edition, without modification)

CAN/CSA-CEI/IEC 61000-4-15:03 (R2007)

Electromagnetic compatibility (EMC) — Part 4: Testing and measurement techniques — Section 15: Flickermeter — Functional and design specifications (Adopted CEI/IEC 61000-4-15:1997, edition 1.1, including Amendment 1:2003, without modification)

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
October 12, 2007	Publication of CSA standard C22.2 No. 254, <i>Motor Control Centres</i> (tri-national standard with NMX-J-353-ANCE-2006, second edition, and UL 845, fifth edition).	Industrial Control Equipment No. 20
November 9, 2007	Publication of CSA standards, C22.2 No. 94.1, <i>Enclosures for Electrical Equipment, Non-Environmental Considerations</i> (tri-national standard with NMX-J-235/1-ANCE-2007, second edition, and UL 50, twelfth edition), and C22.2 No. 94.2, <i>Enclosures for Electrical Equipment, Environmental Considerations</i> (tri-national standard with NMX-J-235/2-ANCE-2007, second edition, and UL 50E, first edition).	Enclosures No. 2

Informs Notices (cont'd)

Date	Subject	Title
November 19, 2007	Publication of CSA standards 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, fourth edition. Adopted IEC 60745-1:2006, fourth edition, with national deviations), and CAN/CSA-C22.2 No. 60745-2-5-07, <i>Particular Requirements for Circular Saws</i> (bi-national standard with UL 60745-2-5, fourth edition. Adopted IEC 60745-2-5:2006, fourth edition, with national deviations).	Electrical Tools No. 19

Certification Notices

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

Effective Date	Subject	Title
January 4, 2008	Publication of Technical Information Letter No. J-36, providing interim test and marking requirements for electrical wires and cables intended for use where exposed to direct sunlight, where requirements presently do not exist in the product standard.	Wire and Cable No. 126
March 1, 2008	Publication of Update No. 1 to CSA standard C22.2 No. 4, <i>Enclosed and Dead-Front Switches</i> (tri-national standard with NMX-J-162-ANCE-2004 and UL 98-04).	Switches No. 11
April 17, 2008 (U.S.) 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
May 1, 2008	Publication of CSA standard C22.2 No. 211.1-06, <i>Rigid Types EB1 and DB2/ES2 PVC Conduit</i> .	Conduit No. 19
May 1, 2008	Publication of CSA standard C22.2 No. 211.2-06, <i>Rigid PVC (Unplasticized) Conduit</i> .	Conduit No. 20
June 30, 2008	Publication of CSA standard C22.2 No. 49-06, <i>Flexible Cords and Cables</i> .	Wire and Cable No. 128

**Certification Notices (cont'd)**

Effective Date	Subject	Title
August 1, 2008	Publication of Amendment 1 to CSA standard CAN/CSA-E61347-2-3:03, <i>Lamp controlgear — Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps</i> (Adopted CEI/IEC 61347-2-3:2000, first edition, 2000-10, with Canadian deviations).	Lighting Products No. 48
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 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	Announcing new and revised requirements in standard UL 588, <i>Seasonal and Holiday Decorative Products, 18th edition</i> .	Lighting Products No. 50
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).	Programmable Controllers No. 1
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).	Household Refrigerators and Freezers No. 3



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

CAN/CSA-C61400-11:07, 1st edition

Wind turbine generator systems — Part 11: Acoustic noise measurement techniques (Adopted IEC 61400-11:2002, second edition, including Amendment 1:2006, without modification) \$215

This standard presents measurement procedures that enable noise emissions of a wind turbine to be characterized. This involves using measurement methods appropriate to noise emission assessment at locations close to the machine, in order to avoid errors due to sound propagation, but far enough away to allow for the finite source size. The procedures described are different in some respects from those that would be adopted for noise assessment in community noise studies. They are intended to facilitate characterization of wind turbine noise with respect to a range of wind speeds and directions. Standardization of measurement procedures will also facilitate comparisons between different wind turbines.

The procedures present methodologies that will enable the noise emissions of a single wind turbine to be characterized in a consistent and accurate manner. These procedures include the following:

- location of acoustic measurement positions
- requirements for the acquisition of acoustic, meteorological, and associated wind turbine operational data
- analysis of the data obtained and the content for the data report
- definition of specific acoustic emission parameters, and associated descriptors that are used for making environmental assessments.

The standard is not restricted to wind turbines of a particular size or type. The procedures described in this standard allow for the thorough description of the noise emission from a wind turbine. If, in some cases, less comprehensive measurements are needed, such measurements are made according to the relevant parts of this standard.

CAN/CSA-C61400-12-1:07, 1st edition

Wind turbines — Part 12-1: Power performance measurements of electricity producing wind turbines (Adopted IEC 61400-12-1:2005, first edition, without modification) \$260

This standard specifies a procedure for measuring the power performance characteristics of a single wind turbine and applies to the testing of wind turbines of all types and sizes connected to the electrical power network. In addition, this standard describes a procedure to be used to determine the power performance characteristics of small wind turbines when connected to either the electric power network or a battery bank. The procedure can be used for performance evaluation of specific turbines at specific locations, but equally the methodology can also be used to make generic comparisons between different turbine models or different turbine settings.



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

CAN/CSA-C61400-12-1:07 (cont'd)

The wind turbine power performance characteristics are determined by the measured power curve and the estimated annual energy production (AEP). The measured power curve is determined by collecting simultaneous measurements of wind speed and power output at the test site for a period that is long enough to establish a statistically significant database over a range of wind speeds and under varying wind and atmospheric conditions. The AEP is calculated by applying the measured power curve to reference wind speed frequency distributions, assuming 100 % availability.

The standard describes a measurement methodology that requires the measured power curve and derived energy production figures to be supplemented by an assessment of uncertainty sources and their combined effects.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C860-07, 3^e édition

Performances des enseignes de sortie à éclairage interne 120 \$

Cette norme définit les exigences relatives aux performances et les méthodes d'essai des enseignes de sortie à éclairage interne, aux fins d'évaluation de leur visibilité, de leur lisibilité et de leur consommation d'énergie. Les exigences de visibilité sont basées sur l'hypothèse d'une acuité visuelle normale et d'une perception normale des couleurs dans un air limpide à une distance d'au plus 30,5 m (100 pi).

Reaffirmed Standards

CAN/CSA-C743-02 (R2007)

Performance Standard for Rating Packaged Water Chillers

Formal Interpretations

The following interpretation regarding **CSA standard N285.0-06**, has been approved by the Technical Committee on CANDU Nuclear Power Plant Systems & Components.

Question: Is the intent of CSA N285.0-06 that a pressure boundary item forming part of Class 1, 2, 3, 4, 1C, 2C, 3C component (eg. Valve's Plug, Compressor's plates) and meeting all the following characteristics, be supplied with a Data Report?

- Item manufactured by the Original Equipment Manufacturer (OEM) of the component, under an approved QA program
- Item manufactured according to the registered design of the component;
- Item manufactured without welding
- Item manufactured with operations that do not change the properties required by the material specification
- The item does not require inspection by the ANI or licensee verifier according to the standard.

Answer: No.

The following interpretation regarding Clause 6.1.6, Figure C.1 and Clause C.12 of **CSA standard N285.0-06**, has been approved by the Technical Committee on CANDU Nuclear Power Plant Systems & Components.

Question: Does a Class 1, 1C, 2, 2C, 3, 3C and 4 fitting registration number have an expiration date?

Answer: No, provided the manufacturer has a valid quality system program as stated on the Statutory Declaration form and as required by this Standard.

The following interpretation regarding Clause 14.5 of **CSA standard N285.0-06**, has been approved by the Technical Committee on CANDU Nuclear Power Plant Systems & Components.

Question: Does a modified component require an additional nameplate when the only change associated with the items listed in Clause 12.3.2 of CSA N285.0-06 is a revision appended to the existing CRN?

Answer: Yes.



Interprétations formelles

L'interprétation suivante visant la norme CSA N285.0-06 a été approuvée par le Comité technique sur les systèmes et les composants sous pression des centrales nucléaires CANDU.

Question: La CSA N285.0-06 exige-t-elle qu'un article d'enveloppe sous pression faisant partie d'un composant de classe 1, 2, 3, 4, 1C, 2C ou 3C (p. ex., opercules de vannes, plaques de compresseurs) et présentant toutes les caractéristiques ci-dessous soit fourni avec une déclaration de conformité du fabricant?

- L'article a été fabriqué par le fabricant d'origine du composant dans le cadre d'un programme approuvé d'assurance de la qualité ;
- l'article a été fabriqué conformément à la conception enregistrée du composant ;
- la fabrication de l'article ne comporte aucune soudure ;
- les activités de fabrication de l'article n'ont pas pour effet de modifier les propriétés exigées par les spécifications des matériaux ;
- l'article ne nécessite aucune inspection par l'INA ou un vérificateur autorisé du titulaire du permis conformément à la norme.

Réponse: Non.

Les interprétations suivantes visant l'article 6.1.6, la figure C.1 et l'article C.12 de la norme CSA N285.0-06 ont été approuvées par le Comité technique sur les systèmes et les composants sous pression des centrales nucléaires CANDU.

Question: Le numéro d'enregistrement d'un accessoire de classe 1, 1C, 2, 2C, 3, 3C ou 4 est-il assujéti à une date d'échéance ?

Réponse : Non, à condition que le fabricant dispose d'un programme de système qualité valide, tel qu'indiqué dans le formulaire de déclaration statutaire et conformément à la norme.

L'interprétation suivante visant l'article 14.5 de la norme CSA N285.0-06 a été approuvée par le Comité technique sur les systèmes et les composants sous pression des centrales nucléaires CANDU.

Question: Un composant modifié nécessite-t-il une plaque signalétique supplémentaire si le seul changement visant les éléments énumérés à l'article 12.3.2 de la CSA N285.0-06 est une révision annexée au NEC existant ?

Réponse: Oui.



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO/TS 14048:03 (R2007)

Environmental management — Life cycle assessment — Data documentation format

(Adopted ISO/TS 14048:2002, first edition, without modification)

CAN/CSA-ISO 19011:03 (R2007)

Guidelines for quality and/or environmental management systems auditing

(Adopted ISO 19011:2002, first edition, without modification)

CAN/CSA-Z809-02 (R2007)

Sustainable Forest Management: Requirements and Guidance



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

ANSI LC4-2007/CSA 6.32-2007, 2nd edition

Press-Connect Copper and Copper Alloy Fittings for Use in Fuel Gas Distribution Systems..... \$320

This standard applies to copper and copper alloy press-connect type fittings and valves for use with fuel gas tube systems intended for installation above ground, below ground, indoors and outdoors.

This standard applies to:

- tube systems rated for operating pressures not exceeding 125 psi (862 kPa)
- fittings intended for use with copper tube ½ through 4 nominal size.

ANSI Z21.18-2007/CSA 6.3-2007, 3rd edition

Gas Appliance Pressure Regulators \$410

This standard details test and examination criteria for gas appliance pressure regulators for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. Such devices, either individually or in combination with other controls, are intended to control selected outlet gas pressures to individual gas appliances.

ANSI Z21.87-2007/CSA 4.6-2007, 2nd edition

Automatic Gas Shutoff Devices for Hot Water Supply Systems \$365

This standard details test and examination criteria for combination gas controls having a maximum operating gas pressure of ½ psi (3.45 kPa) with one or more of the following fuel gases: natural, manufactured, mixed, liquefied petroleum and liquefied petroleum gas-air mixtures.

ANSI Z83.26-2007/CSA 2.37-2007, 1st edition

Gas-Fired Outdoor Infrared Patio Heaters..... \$450

This standard applies to newly produced gas-fired infrared patio heaters constructed entirely of new, unused parts and materials.

Patio heaters are for use with the following:

- natural gas
- liquefied petroleum (propane) gases.

The heaters covered by this standard are intended for installation in and heating of residential or nonresidential outdoor spaces.



Amendments

ANSI Z21.10.3a-2007/CSA 4.3a-2007

Addenda “A” to Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating and Instantaneous..... \$70

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

ANSI Z21.13B-2007/CSA 4.9B-2007

Addenda “B” to Gas-Fired Low Pressure Steam and Hot Water Boilers..... \$85

This document provides revisions to ANSI Z21.13-2004/CSA 4.9-2004 and ANSI Z21.13a-2005/CSA 4.9a-2005.

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
February 1, 2008	Publication of addenda ANSI Z21.58b-2006/ CSA 1.6b-2006, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.58-2005/ CSA 1.6-2005 and ANSI Z21.58a-2006/ CSA 1.6a-2006.	Gas Products No. 113
February 1, 2008	Publication of ANSI Z83.11-2006/CSA 1.8-2006, <i>Gas Food Service Equipment</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z83.11-2002/CSA 1.8-2002, ANSI Z83.11a-2004/CSA 1.8a-2004, and ANSI Z83.11b-2004/CSA 1.8b-2004.	Gas Products No. 117
February 1, 2008	Publication of addenda ANSI Z21.89b-2006/ CSA 1.18b-2006, <i>Outdoor Cooking Specialty Gas Appliances</i> .	Gas Products No. 120
April 1, 2008	Publication of ANSI Z21.5.1-2006/CSA 7.1-2006, <i>Gas Clothes Dryers — Volume I</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.5.1-2002/CSA 7.1-2002, ANSI Z21.5.1a-2003/CSA 7.1a-2003, and ANSI Z21.5.1b-2005/CSA 7.1b-2005.	Gas Products No. 118



Certification Notices (cont'd)

Effective Date	Subject	Title
April 1, 2008	Publication of addenda ANSI Z21.5.2a-2006/ CSA 7.2a-2006, <i>Gas Clothes Dryers — Volume II</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.5.2- 2005/CSA 7.2-2005.	Gas Products No. 119
July 1, 2008	Publication of ANSI LC4-2007, <i>Press-Connect Type Copper and Copper Alloy Fittings for Use with Fuel Gas Tubing</i> . The revisions in this standard supersede any corresponding provisions of CSA International Requirement No. 1-02 U.S., including Rev. 1 – June 10, 2004.	Gas Products No. 123
August 1, 2008	Publication of ANSI Z21.89-2007/CSA 1.18-2007, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.89-2004/ CSA 1.18-2004, ANSI Z21.89a-2006/ CSA 1.18a-2006, and ANSI Z21.89b-2006/ CSA 1.18b-2006.	Gas Products No. 129
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



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

CAN/CSA-C22.2 No. 61010-2-040:07, 1st edition (bilingual)

Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (adopted CEI/IEC 61010-2-040:2005, first edition, without modification) \$140

This standard specifies safety requirements for electrical equipment intended for sterilizing, washing, and disinfecting medical materials in the medical, veterinary, pharmaceutical and laboratory fields.

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

Z98-07, 6th edition

Passenger Ropeways and Passenger Conveyors\$135

This standard specifies requirements for the design, manufacture, construction, modification, operation, inspection, testing, and maintenance of passenger ropeways and passenger conveyors.

Requirements for abnormal or unusual conditions are not specifically provided for, nor are all details of engineering and construction prescribed. It is intended that all work performed within the scope of this standard meet or exceed the safety standards expressed or implied in this standard.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

ASME A17.7-2007/CSA B44.7-07, 1^{re} édition

Code de sécurité axé sur les résultats pour les ascenseurs, monte-charges et escaliers mécaniques (norme binationale comprenant de la norme ASME A17.7-2007)..... 150 \$

Ce Code vise la conception, la construction, le fonctionnement, l'inspection, la mise à l'essai, l'entretien, la modification et la réparation du matériel suivant, et de ses accessoires, locaux, espaces et gaines, à condition qu'ils soient installés à l'intérieur ou à côté d'un bâtiment ou d'une structure :

- a) Les mécanismes de levage et de descente à cabine qui se déplacent entre deux paliers ou plus. Ce matériel comprend notamment les ascenseurs et monte-charges.
- b) Les escaliers et les passerelles motorisés qui transportent des passagers d'un palier à un autre. Ce matériel comprend notamment les escaliers mécaniques et les trottoirs roulants.
- c) Les mécanismes de levage et de descente à cabine qui desservent plus de deux paliers et qui servent exclusivement au transport de matériaux en raison de leurs dimensions réduites ou du fait que la cabine est difficile d'accès. Ce matériel comprend notamment les petits monte-charges et les monte-matériaux.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-C22.2 n° 61010-2-040:07, 1^{re} édition (bilingue)

Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire — Partie 2-040 : Exigences particulières pour stérilisateurs et laveurs désinfecteurs utilisés pour traiter le matériel médical (norme CEI/IEC 61010-2-040:2005, première édition, adoptée sans modifications)..... 140 \$

Cette norme définit les règles de sécurité pour appareils électriques destinés à la stérilisation, au lavage et à la désinfection des matériaux médicaux dans les domaines médicaux, vétérinaires, pharmaceutiques et de laboratoire.

Cette norme est offerte en format PDF seulement.

Z614-07, 4^e édition

Aires et équipements de jeu 65 \$

Cette norme énonce des exigences visant les aires et équipements de jeu publics destinés à des enfants âgés entre 18 mois et 12 ans qui présentent les mensurations anthropométriques du 95^e centile.

Cette norme vise les aires et équipements de jeu extérieurs publics aménagés dans les écoles, les parcs, les services de garde à l'enfance, les institutions, les immeubles d'habitation, les centres de villégiature et de loisirs privés, les restaurants et les autres endroits publics.

Cette norme présente des recommandations sur les exigences techniques et les principes de conception, de construction, d'installation, d'entretien et de vérification des aires et équipements de jeu publics. Cette norme vise à réduire au minimum les blessures graves ou mortelles.

Amendments

Z259.11-05

Energy Absorbers and Lanyards

Revision of Clause 6.1.3.1.

CAN/CSA-Z275.2-04

Occupational Safety Code for Diving Operations

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

Modifications publiées en français

Z259.11-05

Absorbeurs d'énergie et cordons d'assujettissement

Des modifications ont été apportées à l'article 6.1.3.1.

CAN/CSA-Z275.2-04

Règles de sécurité pour les travailleurs en plongée

Des modifications ont été apportées à la première de couverture et à la page titre.

Le texte relatif aux Normes nationales du Canada a été ajouté.

Reaffirmed Standards

CAN/CSA-ISO 10993.7-98 (R2007)

Biological evaluation of medical devices — Part 7: Ethylene oxide sterilization residuals

(Adopted ISO 10993-7:1995, first edition, without modification)

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
December 31, 2007	Publication of CSA standard Z76.1-06, <i>Reclosable Child-Resistant Packages.</i>	Health Care Equipment No. 19



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO/TS 16949:02 (R2007)

*Quality management systems — Particular requirements for the application of
ISO 9001:2000 for automotive production and relevant service part organizations*
(Adopted ISO/TS 16949:2002, second edition, without modification)



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