



**CANADIAN STANDARDS
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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.

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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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



Construction Products and Materials

[A14-07, 8th edition](#)

Concrete Poles



Electrical/Electronics

[C22.2 No. 167-08, 5th edition](#)

Household Dishwashers (bi-national with UL 749, eighth edition)

[C22.2 No. 250.7-07, 1st edition](#)

Extra-Low-Voltage Landscape Lighting Systems

[CAN/CSA-IEC 61000-4-5:08, 2nd edition \(bilingual\)](#)

Electromagnetic compatibility (EMC) — Part 4-5: Testing and measurement techniques — Surge immunity test (Adopted IEC 61000-4-5:2005, second edition, without modification)

[CAN/CSA-IEC 61000-6-2:08, 1st edition \(bilingual\)](#)

Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments (Adopted CIEC 61000-6-2:2005, second edition, without modification)



Électricité et électronique

[C22.2 n° 41-07, 5^e édition](#)

Matériel de mise à la terre et de mise à la masse (norme binationale avec UL 467-2007, neuvième édition)

[C22.2 N° 83.1-07, 2^e édition](#)

Tubes électriques métalliques en acier (norme trinationale avec NMX-J-536-ANCE-2007, deuxième édition, et UL 797, neuvième édition)

[C22.2 n° 94.1-07, 1^{re} édition](#)

Enveloppes pour appareillage électrique : facteurs non ambiants (norme trinationale avec NMX-J-235/1-ANCE-2007, deuxième édition, et UL 50, douzième édition)

[C22.2 n° 94.2-07, 1^{re} édition](#)

Enveloppes pour appareillage électrique : facteurs ambiants (norme trinationale avec NMX-J-235/2-ANCE-2007, deuxième édition, et UL 50E, première édition)

[C22.2 n° 2556-07, 2^e édition](#)

Modes opératoires d'essai des fils et câbles (norme trinationale avec NMX-J-556-ANCE, deuxième édition, et UL 2556, deuxième édition)

Électricité et électronique (suite)

[CAN/CSA-IEC 61000-4-5:08, 2^e édition \(bilingue\)](#)

Compatibilité électromagnétique (CEM) — Partie 4-5: Techniques d'essai et de mesure — Essai d'immunité aux ondes de choc (norme IEC 61000-4-5:2005, deuxième édition, adoptée sans modifications)

[CAN/CSA-IEC 61000-6-2:08, 2^e édition \(bilingue\)](#)

Compatibilité électromagnétique (CEM) — Partie 6-2 : Normes génériques — Immunité pour les environnements industriels (norme IEC 61000-6-2:2005, deuxième édition, adoptée sans modifications)



Energy

[CAN/CSA-C62301:07, 1st edition \(bilingual\)](#)

Household electrical appliances — Measurement of standby power
(Adopted CEI/IEC 62301:2005, first edition, with Canadian deviations)

[N292.2-07, 2nd edition](#)

Interim Dry Storage of Irradiated Fuel

[N293-07, Consolidated 3rd edition](#)

Fire Protection for CANDU Nuclear Power Plants



Énergie

[CAN/CSA-C62301:07, 1^{re} édition \(bilingue\)](#)

Appareils électrodomestiques — Mesure de la consommation en veille (norme CEI/IEC 62301:2005, première édition, adoptée avec les exigences au Canada)

[N290.5-06, 2^e édition \(bilingue\)](#)

Exigences relatives aux systèmes d'alimentation électrique et en air d'instrumentation des centrales nucléaires CANDU



Gas Equipment

[P.2-07, 2nd edition](#)

Testing Method for Measuring the Annual Fuel Utilization Efficiency of Residential Gas-Fired Furnaces and Boilers

[P.11-07, 1st edition](#)

Testing Method for Measuring Efficiency and Energy Consumption of Gas-Fired Unit Heaters



Life Sciences

[CAN/CSA-C22.2 No. 60601-2-2:08, 3rd edition \(bilingual\)](#)

Medical electrical equipment — Part 2-2: Particular requirements for the safety of high frequency surgical equipment (Adopted CEI/IEC 60601-2-2:2006, fourth edition, without modification)

[PLUS 14971](#)

The ISO 14971:2007 Essentials — A Practical Handbook for Implementing the ISO 14971 Standard for Medical Devices

[Z317.13-07, 2nd edition](#)

Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities

[CAN/CSA-Z22870-07, 1st edition](#)

Point-of-care testing (POCT) — Requirements for quality and competence (Adopted ISO 22870:2006, first edition, with Canadian deviations)



Sciences de la Vie

[CAN/CSA-C22.2 n° 60601-2-2:08, 3^e édition \(bilingue\)](#)

Appareils électromédicaux — Partie 2-2: Exigences particulières pour la sécurité des appareils d'électrochirurgie à courant haute fréquence (norme CEI/IEC 60601-2-2 :2006, quatrième édition, adoptée sans modifications)

[CAN/CSA-Z22870-07, 1^{re} édition](#)

Analyses de biologie délocalisées (ADBD) — Exigences concernant la qualité et la compétence (norme ISO 22870:2006, première édition, adoptée avec exigences propres au Canada)



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO/IEC 1989:04 (R2007)

Information technology — Programming languages — COBOL

(Adopted ISO/IEC 1989:2002)

CAN/CSA-ISO/IEC 2375:04 (R2007)

Information technology — Procedure for registration of escape sequences and coded character sets

(Adopted ISO/IEC 2375:2003)

CAN/CSA-ISO/IEC 7064:04 (R2007)

Information technology — Security techniques — Check character systems

(Adopted ISO/IEC 7064:2003)

CAN/CSA-ISO/IEC 7811-1:04 (R2007)

Identification cards — Recording technique — Part 1: Embossing

(Adopted ISO/IEC 7811-1:2002)

CAN/CSA-ISO/IEC 8348:04 (R2007)

Information technology — Open Systems Interconnection — Network service definition

(Adopted ISO/IEC 8348:2002)

CAN/CSA-ISO/IEC 9318-4:04 (R2007)

Information technology — Intelligent peripheral interface — Part 4: Device generic

command set for magnetic tape drives (IPI-3 tape) (Adopted ISO/IEC 9318-4:2002)

CAN/CSA-ISO/IEC TR 9577:04 (R2007)

Information technology — Protocol identification in the network layer

(Adopted ISO/IEC TR 9577:1999)

CAN/CSA-ISO/IEC 9797-2:04 (R2007)

Information technology — Security techniques — Message Authentication Codes (MACs) —

Part 2: Mechanisms using a dedicated hash-function (Adopted ISO/IEC 9797-2:2002)

CAN/CSA-ISO/IEC 9995-2:04 (R2007)

Information technology — Keyboard layouts for text and office systems — Part 2:

Alphanumeric section (Adopted ISO/IEC 9995-2:2002)

CAN/CSA-ISO/IEC 9995-3:04 (R2007)

Information technology — Keyboard layouts for text and office systems — Part 3:

Complementary layouts of the alphanumeric zone of the alphanumeric section

(Adopted ISO/IEC 9995-3:2002)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 9995-4:04 (R2007)

Information technology — Keyboard layouts for text and office systems — Part 4: Numeric section (Adopted ISO/IEC 9995-4:2002)

CAN/CSA-ISO/IEC 9995-7:04 (R2007)

Information technology — Keyboard layouts for text and office systems — Part 7: Symbols used to represent functions (Adopted ISO/IEC 9995-7:2002)

CAN/CSA-ISO/IEC 10164-15:04 (R2007)

Information technology — Open Systems Interconnection — Systems management: Scheduling function (Adopted ISO/IEC 10164-15:2002)

CAN/CSA-ISO/IEC TR 10176:04 (R2007)

Information technology — Guidelines for the preparation of programming language standards (Adopted ISO/IEC TR 10176:2003)

CAN/CSA-ISO/IEC 10192-1:04 (R2007)

Information technology — Home Electronic System (HES) interfaces — Part 1: Universal Interface (UI) Class 1 (Adopted ISO/IEC 10192-1:2002)

CAN/CSA-ISO/IEC 10589:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Intermediate System to Intermediate System intra-domain routeing information exchange protocol for use in conjunction with the protocol for providing the connectionless-mode network service (ISO 8473) (Adopted ISO/IEC 10589:2002)

CAN/CSA-ISO/IEC-ISP 10608-1-99 (R2007)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 1: General overview and subnetwork-independent requirements (Adopted ISO/IEC ISP 10608-1:1992)

CAN/CSA-ISO/IEC-ISP 10608-2-99 (R2007)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 2: TA51 profile including subnetwork-dependent requirements for CSMA/CD Local Area Networks (LANs) (Adopted ISO/IEC ISP 10608-2:1992)

CAN/CSA-ISO/IEC-ISP 10608-4-99 (R2007)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 4: Definition of profile TA53, operation over a Token Ring LAN subnetwork (Adopted ISO/IEC ISP 10608-4:1994)

CAN/CSA-ISO/IEC-ISP 10608-5-99 (R2007)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 5: TA1111/TA1121 profiles including subnetwork-dependent requirements for X.25 packet-switched data networks using virtual calls (Adopted ISO/IEC ISP 10608-5:1992)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-ISP 10608-6-99 (R2007)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 6: Definition of profile TA54, operation over an FDDI LAN subnetwork (Adopted ISO/IEC ISP 10608-6:1995)

CAN/CSA-ISO/IEC-ISP 10608-12-99 (R2007)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 12: MAC sublayer and physical layer dependent requirements for a CSMA/CD LAN subnetwork (Adopted ISO/IEC ISP 10608-12:1996)

CAN/CSA-ISO/IEC-ISP 10608-14-99 (R2007)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 14: MAC, PHY and PMD sublayer dependent and Station Management requirements over an FDDI LAN subnetwork (Adopted ISO/IEC ISP 10608-14:1995)

CAN/CSA-ISO/IEC-ISP 10609-1-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 1: Subnetwork-type independent requirements for Group TB (Adopted ISO/IEC ISP 10609-1:1992)

CAN/CSA-ISO/IEC-ISP 10609-2-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 2: Subnetwork-type independent requirements for Group TC (Adopted ISO/IEC ISP 10609-2:1992)

CAN/CSA-ISO/IEC-ISP 10609-3-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 3: Subnetwork-type independent requirements for Group TD (Adopted ISO/IEC ISP 10609-3:1992)

CAN/CSA-ISO/IEC-ISP 10609-4-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 4: Subnetwork-type independent requirements for Group TE (Adopted ISO/IEC ISP 10609-4:1992)

CAN/CSA-ISO/IEC-ISP 10609-5-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 5: Definition of profiles TB1111/TB1121 (Adopted ISO/IEC ISP 10609-5:1992)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-ISP 10609-6-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 6: Definition of profiles TC1111/TC1121
(Adopted ISO/IEC ISP 10609-6:1992)

CAN/CSA-ISO/IEC-ISP 10609-7-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 7: Definition of profiles TD1111/TD1121
(Adopted ISO/IEC ISP 10609-7:1992)

CAN/CSA-ISO/IEC-ISP 10609-8-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 8: Definition of profiles TE1111/TE1121
(Adopted ISO/IEC ISP 10609-8:1992)

CAN/CSA-ISO/IEC-ISP 10609-9-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 9: Subnetwork-type dependent requirements for Network Layer, Data Link Layer and Physical Layer concerning permanent access to a packet switched data network using virtual calls (Adopted ISO/IEC ISP 10609-9:1992)

CAN/CSA-ISO/IEC-ISP 10609-10-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 10: LAN subnetwork-dependent, media-independent requirements
(Adopted ISO/IEC ISP 10609-10:1994)

CAN/CSA-ISO/IEC-ISP 10609-11-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 11: CSMA/CD subnetwork-dependent, media-dependent requirements
(Adopted ISO/IEC ISP 10609-11:1994)

CAN/CSA-ISO/IEC-ISP 10609-12-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 12: Definition of profile TC51, provision of the OSI connection-mode Transport Service using the OSI connection-mode Network Service in an End System attached to a CSMA/CD LAN (Adopted ISO/IEC ISP 10609-12:1994)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-ISP 10609-14-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 14: Definition of profile TC53, provision of the OSI connection-mode Transport Service using the OSI connection-mode Network Service in an End System attached to a Token Ring LAN (Adopted ISO/IEC ISP 10609-14:1994)

CAN/CSA-ISO/IEC-ISP 10609-15-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 15: Definition of profile TC54, provision of the OSI connection-mode Transport Service using the OSI connection-mode Network Service in an End System attached to an FDDI LAN (Adopted ISO/IEC ISP 10609-15:1996)

CAN/CSA-ISO/IEC-ISP 10609-20-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 20: Overview of the generalized multi-part ISP structure for TC and TD Group profiles for OSI usage of ISDN (Adopted ISO/IEC ISP 10609-20:1995)

CAN/CSA-ISO/IEC-ISP 10609-21-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 21: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for ISDN B-channel X.25 DTE to DTE operation (Adopted ISO/IEC ISP 10609-21:1995)

CAN/CSA-ISO/IEC-ISP 10609-22-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 22: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for ISDN B-channel X.25 DTE to DCE operation (Adopted ISO/IEC ISP 10609-22:1995)

CAN/CSA-ISO/IEC-ISP 10609-23-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 23: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for Data Transfer concerning a packet switched mode Integrated Services Digital Network using virtual calls: B-channel access case (Adopted ISO/IEC ISP 10609-23:1995)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-ISP 10609-24-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 24: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for Data Transfer concerning a packet switched mode Integrated Services Digital Network using virtual calls: D-channel access case (Adopted ISO/IEC ISP 10609-24:1995)

CAN/CSA-ISO/IEC-ISP 10609-25-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 25: Subnetwork-type dependent requirements for Q.931 circuit-switched operation (Adopted ISO/IEC ISP 10609-25:1995)

CAN/CSA-ISO/IEC-ISP 10609-26-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 26: Subnetwork-type dependent requirements for Network Layer for Call Control procedures concerning the outgoing call of a packet switched mode Integrated Services Digital Network in case B using virtual calls (Adopted ISO/IEC ISP 10609-26:1995)

CAN/CSA-ISO/IEC-ISP 10609-27-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 27: Subnetwork-type dependent requirements for Network Layer for Call Control procedures concerning the incoming call of a packet switched mode Integrated Services Digital Network in case B using virtual calls (Adopted ISO/IEC ISP 10609-27:1995)

CAN/CSA-ISO/IEC-ISP 10609-28-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 28: Subnetwork-type dependent requirements for Data Link Layer for end systems attached to an ISDN subnetwork (Adopted ISO/IEC ISP 10609-28:1995)

CAN/CSA-ISO/IEC-ISP 10609-30-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 30: Definition of profile TC1131 (Adopted ISO/IEC ISP 10609-30:1995)

CAN/CSA-ISO/IEC-ISP 10609-31-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 31: Definition of profile TC1231 (Adopted ISO/IEC ISP 10609-31:1995)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-ISP 10609-32-99 (R2007)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 32: Definition of profile TC4111 (Adopted ISO/IEC ISP 10609-32:1995)

CAN/CSA-ISO/IEC 11582:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Generic functional protocol for the support of supplementary services — Inter-exchange signalling procedures and protocol (Adopted ISO/IEC 11582:2002)

CAN/CSA-ISO/IEC 11801:04 (R2007)

Information technology — Generic cabling for customer premises (Adopted ISO/IEC 11801:2002)

CAN/CSA-ISO/IEC 13239:04 (R2007)

Information technology — Telecommunications and information exchange between systems — High-level data link control (HDLC) procedures (Adopted ISO/IEC 13239:2002)

CAN/CSA-ISO/IEC TR 13335-5:04 (R2007)

Information technology — Guidelines for the management of IT Security — Part 5: Management guidance on network security (Adopted ISO/IEC TR 13335-5:2001)

CAN/CSA-ISO/IEC 13568:04 (R2007)

Information technology — Z formal specification notation — Syntax, type system and semantics (Adopted ISO/IEC 13568:2002)

CAN/CSA-ISO/IEC 13868:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Name identification supplementary services (Adopted ISO/IEC 13868:2003)

CAN/CSA-ISO/IEC 13869:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Transfer supplementary service (Adopted ISO/IEC 13869:2003)

CAN/CSA-ISO/IEC 13873:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Diversion supplementary services (Adopted ISO/IEC 13873:2003)

CAN/CSA-ISO/IEC TR 14475:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Architecture and scenarios for Private Integrated Services Networking (Adopted ISO/IEC TR 14475:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 14476-1:04 (R2007)

Information technology — Enhanced communications transport protocol: Specification of simplex multicast transport (Adopted ISO/IEC 14476-1:2002)

CAN/CSA-ISO/IEC 14492:04 (R2007)

Information technology — Lossy/lossless coding of bi-level images (Adopted ISO/IEC 14492:2001)

CAN/CSA-ISO/IEC 14495-2:04 (R2007)

Information technology — Lossless and near-lossless compression of continuous-tone still images: Extension (Adopted ISO/IEC 14495-2:2003)

CAN/CSA-ISO/IEC TR 14516:04 (R2007)

Information technology — Security techniques — Guidelines for the use and management of Trusted Third Party services (Adopted ISO/IEC TR 14516:2002)

CAN/CSA-ISO/IEC 14519:04 (R2007)

Information technology — POSIX Ada Language Interfaces — Binding for System Application Program Interface (API) (Adopted ISO/IEC 14519:2001)

CAN/CSA-ISO/IEC TR 14543-4:04 (R2007)

Information technology — Home Electronic System (HES) architecture — Part 4: Home and building automation in a mixed-use building (Adopted ISO/IEC TR 14543-4:2002)

CAN/CSA-ISO/IEC TR 14762:04 (R2007)

Information technology — Home Control Systems — Guidelines for functional safety (Adopted ISO/IEC TR 14762:2001)

CAN/CSA-ISO/IEC 14776-112:04 (R2007)

Information technology — Small Computer System Interface (SCSI) — Part 112: Parallel Interface-2 (SPI-2) (Adopted ISO/IEC 14776-112:2002)

CAN/CSA-ISO/IEC 14776-113:04 (R2007)

Information technology — Small Computer System Interface (SCSI) — Part 113: Parallel Interface-3 (SPI-3) (Adopted ISO/IEC 14776-113:2002)

CAN/CSA-ISO/IEC 14776-321:04 (R2007)

Information technology — Small Computer System Interface (SCSI) — Part 321: SCSI-3 Block Commands (SBC) (Adopted ISO/IEC 14776-321:2002)

CAN/CSA-ISO/IEC 14776-326:04 (R2007)

Information technology — Small Computer System Interface (SCSI) — Part 326: Reduced Block Commands (RBC) (Adopted ISO/IEC 14776-326:2002)

CAN/CSA-ISO/IEC 15052:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Recall supplementary service (Adopted ISO/IEC 15052:2003)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC TR 15067-4:04 (R2007)

Information technology — Home Electronic System (HES) Application Model — Part 4: Security System for HES (Adopted ISO/IEC TR 15067-4:2001)

CAN/CSA-ISO/IEC 15288:04 (R2007)

Systems engineering — System life cycle processes (Adopted ISO/IEC 15288:2002)

CAN/CSA-ISO/IEC 15292:04 (R2007)

Information technology — Security techniques — Protection Profile registration procedures (Adopted ISO/IEC 15292:2001)

CAN/CSA-ISO/IEC TR 15413:04 (R2007)

Information technology — Font services — Abstract service definition (Adopted ISO/IEC TR 15413:2001)

CAN/CSA-ISO/IEC 15457-1:04 (R2007)

Identification cards — Thin flexible cards — Part 1: Physical characteristics (Adopted ISO/IEC 15457-1:2001)

CAN/CSA-ISO/IEC 15457-3:04 (R2007)

Identification cards — Thin flexible cards — Part 3: Test methods (Adopted ISO/IEC 15457-3:2002)

CAN/CSA-ISO/IEC 15474-1:04 (R2007)

Information technology — CDIF framework — Part 1: Overview (Adopted ISO/IEC 15474-1:2002)

CAN/CSA-ISO/IEC 15474-2:04 (R2007)

Information technology — CDIF framework — Part 2: Modelling and extensibility (Adopted ISO/IEC 15474-2:2002)

CAN/CSA-ISO/IEC 15475-1:04 (R2007)

Information technology — CDIF transfer format — Part 1: General rules for syntaxes and encodings (Adopted ISO/IEC 15474-1:2002)

CAN/CSA-ISO/IEC 15475-2:04 (R2007)

Information technology — CDIF transfer format — Part 2: Syntax SYNTAX.1 (Adopted ISO/IEC 15475-2:2002)

CAN/CSA-ISO/IEC 15475-3:04 (R2007)

Information technology — CDIF transfer format — Part 2 3: Encoding ENCODING.1 (Adopted ISO/IEC 15475-3:2002)

CAN/CSA-ISO/IEC 15476-1:04 (R2007)

Information technology — CDIF semantic metamodel — Part 1: Foundation (Adopted ISO/IEC 15476-1:2002)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 15476-2:04 (R2007)

Information technology — CDIF semantic metamodel — Part 2: Common
(Adopted ISO/IEC 15476-2:2002)

CAN/CSA-ISO/IEC 15506:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Message Waiting Indication supplementary service (Adopted ISO/IEC 15506:2003)

CAN/CSA-ISO/IEC TR 15580:04 (R2007)

Information technology — Programming languages — Fortran — Floating-point exception handling (Adopted ISO/IEC TR 15580:2001)

CAN/CSA-ISO/IEC TR 15581:04 (R2007)

Information technology — Programming languages — Fortran — Enhanced data type facilities (Adopted ISO/IEC TR 15581:2001)

CAN/CSA-ISO/IEC 15693-3:04 (R2007)

Identification cards — Contactless integrated circuit(s) cards - Vicinity cards — Part 3: Anticollision and transmission protocol (Adopted ISO/IEC 15693-3:2001)

CAN/CSA-ISO/IEC 15776:04 (R2007)

VME64bus — Specification (Adopted ISO/IEC 15776:2001)

CAN/CSA-ISO/IEC 15816:04 (R2007)

Information technology — Security techniques — Security information objects for access control
(Adopted ISO/IEC 15816:2002)

CAN/CSA-ISO/IEC 15938-1:04 (R2007)

Information technology — Multimedia content description interface — Part 1: Systems
(Adopted ISO/IEC 15938-1:2002)

CAN/CSA-ISO/IEC 15938-2:04 (R2007)

Information technology — Multimedia content description interface — Part 2: Description definition language (Adopted ISO/IEC 15938-2:2002)

CAN/CSA-ISO/IEC 15938-3:04 (R2007)

Information technology — Multimedia content description interface — Part 3: Visual (Adopted ISO/IEC 15938-3:2002)

CAN/CSA-ISO/IEC 15938-4:04 (R2007)

Information technology — Multimedia content description interface — Part 4: Audio (Adopted ISO/IEC 15938-4:2002)

CAN/CSA-ISO/IEC TR 15938-8:04 (R2007)

Information technology — Multimedia content description interface — Part 8: Extraction and use of MPEG-7 descriptions (Adopted ISO/IEC TR 15938-8:2002)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 15944-1:04 (R2007)

Information technology — Business agreement semantic descriptive techniques — Part 1: Operational aspects of Open-edi for implementation (Adopted ISO/IEC 15944-1:2002)

CAN/CSA-ISO/IEC 15945:04 (R2007)

Information technology — Security techniques — Specification of TTP services to support the application of digital signatures (Adopted ISO/IEC 15945:2002)

CAN/CSA-ISO/IEC 15946-1:04 (R2007)

Information technology — Security techniques — Cryptographic techniques based on elliptic curves — Part 1: General (Adopted ISO/IEC 15946-1:2002)

CAN/CSA-ISO/IEC 15946-2:04 (R2007)

Information technology — Security techniques — Cryptographic techniques based on elliptic curves — Part 2: Digital signatures (Adopted ISO/IEC 15946-2:2002)

CAN/CSA-ISO/IEC 15946-3:04 (R2007)

Information technology — Security techniques — Cryptographic techniques based on elliptic curves — Part 3: Key establishment (Adopted ISO/IEC 15946-3:2002)

CAN/CSA-ISO/IEC 16262:04 (R2007)

Information technology — ECMAScript language specification
(Adopted ISO/IEC 16262:2002)

CAN/CSA-ISO/IEC 16448:04 (R2007)

Information technology — 120 mm DVD — Read-only disk
(Adopted ISO/IEC 16448:2002)

CAN/CSA-ISO/IEC 16449:04 (R2007)

Information technology — 80 mm DVD — Read-only disk
(Adopted ISO/IEC 16449:2002)

CAN/CSA-ISO/IEC 18010:04 (R2007)

Information technology — Pathways and spaces for customer premises cabling
(Adopted ISO/IEC 18010:2002)

CAN/CSA-ISO/IEC 18014-1:04 (R2007)

Information technology — Security techniques — Time-stamping services — Part 1: Framework (Adopted ISO/IEC 18014-1:2002)

CAN/CSA-ISO/IEC 18014-2:04 (R2007)

Information technology — Security techniques — Time-stamping services — Part 2: Mechanisms producing independent tokens (Adopted ISO/IEC 18014-2:2002)

CAN/CSA-ISO/IEC 18017:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Mapping functions for the employment of Virtual Private Network scenarios (Adopted ISO/IEC 18017:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 18021:04 (R2007)

Information technology — User interfaces for mobile tools for management of database communications in a client-server model (Adopted ISO/IEC 18021:2002)

CAN/CSA-ISO/IEC 18035:04 (R2007)

Information technology — Icon symbols and functions for controlling multimedia software applications (Adopted ISO/IEC 18035:2003)

CAN/CSA-ISO/IEC 18810:04 (R2007)

Information technology — 8 mm wide magnetic tape cartridge for information interchange — Helical scan recording AIT-2 with MIC format (Adopted ISO/IEC 18810:2001)

CAN/CSA-ISO/IEC 18836:04 (R2007)

Information technology — 8 mm wide magnetic tape cartridge for information interchange — Helical scan recording — MammothTape-2 format (Adopted ISO/IEC 18836:2001)

CAN/CSA-ISO/IEC 19058:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Inter-exchange signalling protocol — Generic functional protocol (Adopted ISO/IEC 19058:2001)

CAN/CSA-ISO/IEC 19459:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Single Step Call Transfer Supplementary Service (Adopted ISO/IEC 19459:2001)

CAN/CSA-ISO/IEC 19460:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Single Step Call Transfer supplementary service (Adopted ISO/IEC 19460:2003)

CAN/CSA-ISO/IEC 19761:04 (R2007)

Software engineering — COSMIC-FFP — A functional size measurement method (Adopted ISO/IEC 19761:2003)

CAN/CSA-ISO/IEC 20060:04 (R2007)

Information technology — Open Terminal Architecture (OTA) specification — Virtual machine specification (Adopted ISO/IEC 20060:2001)

CAN/CSA-ISO/IEC 20061:04 (R2007)

Information technology — 12,65 mm wide magnetic tape cassette for information interchange — Helical scan recording — DTF-2 (Adopted ISO/IEC 20061:2001)

CAN/CSA-ISO/IEC 20062:04 (R2007)

Information technology — 8 mm wide magnetic tape cartridge for information interchange — Helical scan recording — VXA-1 format (Adopted ISO/IEC 20062:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 20161:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Use of QSIG at the C reference point between a PINX and an Interconnecting Network (Adopted ISO/IEC 20161:2001)

CAN/CSA-ISO/IEC 20162:04 (R2007)

Information technology — Data interchange on 300 mm optical disk cartridges of type WORM (Write Once Read Many) using irreversible effects — Capacity: 30 Gbytes per cartridge (Adopted ISO/IEC 20162:2001)

CAN/CSA-ISO/IEC 20563:04 (R2007)

Information technology — 80 mm (1,23 Gbytes per side) and 120 mm (3,95 Gbytes per side) DVD-recordable disk (DVD-R) (Adopted ISO/IEC 20563:2001)

CAN/CSA-ISO/IEC 20970:04 (R2007)

Information technology — Programming languages, their environments and system software interfaces — JEFF file format (Adopted ISO/IEC 20970:2002)

CAN/CSA-ISO/IEC 21000-3:04 (R2007)

Information technology — Multimedia framework (MPEG-21) — Part 3: Digital Item Identification (Adopted ISO/IEC 21000-3:2003)

CAN/CSA-ISO/IEC 21407:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Simple dialog supplementary service (Adopted ISO/IEC 21407:2001)

CAN/CSA-ISO/IEC 21408:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Simple dialog supplementary service (Adopted ISO/IEC 21408:2003)

CAN/CSA-ISO/IEC 21409:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Corporate telecommunication networks — Signalling interworking between QSIG and H.323 — Generic functional protocol for the support of supplementary services (Adopted ISO/IEC 21409:2001)

CAN/CSA-ISO/IEC 21410:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Corporate telecommunication networks — Signalling interworking between QSIG and H.323 — Call transfer supplementary services (Adopted ISO/IEC 21410:2001)

CAN/CSA-ISO/IEC 21411:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Corporate telecommunication networks — Signalling interworking between QSIG and H.323 — Call diversion supplementary services (Adopted ISO/IEC 21411:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 21827:04 (R2007)

Information technology — Systems Security Engineering — Capability Maturity Model (SSE-CMM®) (Adopted ISO/IEC 21827:2002)

CAN/CSA-ISO/IEC 21888:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Call Identification and Call Linkage Additional Network Feature (Adopted ISO/IEC 21888:2001)

CAN/CSA-ISO/IEC 21889:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Identification and Call Linkage Additional Network Feature (Adopted ISO/IEC 21889:2001)

CAN/CSA-ISO/IEC TR 21890:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Interoperation of PISNs with IP networks (Adopted ISO/IEC TR 21890:2001)

CAN/CSA-ISO/IEC 21989:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Short message service (Adopted ISO/IEC 21989:2002)

CAN/CSA-ISO/IEC 21990:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Short message service (Adopted ISO/IEC 21990:2002)

CAN/CSA-ISO/IEC 21991:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Corporate Telecommunication Networks — Signalling interworking between QSIG and H.323 — Call completion supplementary services (Adopted ISO/IEC 21991:2002)

CAN/CSA-ISO/IEC 22050:04 (R2007)

Information technology — Data interchange on 12,7 mm, 384-track magnetic tape cartridges — Ultrium-1 format (Adopted ISO/IEC 22050:2002)

CAN/CSA-ISO/IEC 22051:04 (R2007)

Information technology — Data interchange on 12,7 mm, 448-track magnetic tape cartridges — SDLTI format (Adopted ISO/IEC 22051:2002)

CAN/CSA-ISO/IEC 22091:04 (R2007)

Information technology — Streaming Lossless Data Compression algorithm (SLDC) (Adopted ISO/IEC 22091:2002)



Reaffirmed Standards (cont'd)

O/IEC 22092:04 (R2007)

Information technology — Data interchange on 130 mm magneto-optical disk cartridges — Capacity: 9,1 Gbytes per cartridge (Adopted ISO/IEC 22092:2002)

CAN/CSA-ISO/IEC 23289:04 (R2007)

Information technology — Telecommunications and information exchange between systems — Corporate telecommunication networks — Signalling interworking between QSIG and H.323 — Basic services (Adopted ISO/IEC 23289:2002)



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

A14-07, 8th edition

Concrete Poles \$100

This standard specifies requirements for the design, manufacture, and quality control of all types of concrete poles. This standard applies to poles manufactured using the casting and spinning processes.

This standard addresses certain special structural, architectural, and other functional properties of the following:

- extra-stiff poles
- ornamental poles
- high-torsion poles
- poles subject to severe exposure
- poles with specified cracking loads.

S136-07, 7th edition

North American Specification for the Design of Cold-Formed Steel Structural Members..... \$60

This specification applies to the design of structural members cold-formed to shape from carbon or low-alloy steel sheet, strip, plate, or bar, that are not more than 1 in. (25.4 mm) in thickness, and that are used for load-carrying purposes in buildings and structures other than buildings, provided allowances are made for dynamic effects.

Amendments

CAN/CSA-A440.4-07

Window, Door, and Skylight Installation

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

B137 Series-05

Thermoplastic Pressure Piping Compendium

The following revisions have been made to the series:

- **B137 Series-05:** Revision of the Contents.
- **B137.0-05:** Revision of Clauses 2, 3.2, 6.5.4, 6.6.2.3, 6.6.3.1, 6.6.3.2, 6.6.5.1, 6.6.5.2, 7.1.1, and 7.2.1, and Figure 4.
- **B137.1-05:** Revision of Clauses 4.2.1, 4.2.2, and 4.2.4, and Table 5.
- **B137.3-05:** Revision of Clauses 4.2.2.3 and 5.9.1, and Table 16.
- **B137.4-05:** Revision of Clauses 4.1.2, 4.2.1, 4.2.3.3, 4.2.4.1, 4.2.4.4, 4.3.1.1, 4.3.1.3, 6.1.1.2, 7.1.1, and 7.2.1, and Table 4. Addition of Clause 4.2.4.6.



Amendments (cont'd)

B137 Series-05 (cont'd)

- **B137.5-05:** Revision of Clauses 1.1, 4.2.1, 4.2.3, 4.2.4, and 5.1.3, and Tables 1, 5–8, and A.1. Addition of Clauses 5.1.5, 5.10, and 6.11. Deletion of Clause 4.3.
- **B137.6-05:** Revision of Clauses 5.3.2.2 and 5.4.2, and Table 1.
- **B137.9-05:** Revision of Clauses 4.4.1, 4.4.2, and 5.7.2. Addition of clause 5.8 and Annex C.
- **B137.10-05:** Addition of Clause 6.16 and Annex C.
- **B137.11-05:** Revision of Clauses 1.1, 4.2, 6, 7.3, 8.2, and A.3.1.5, and Tables 1–3, A.1, and A.2. Addition of Clauses 5.8, 7.4, and A.3.1.6, and Table 4. Deletion of Figure 1.
- **B137.12-05:** Revision of the Title, Clauses 1, 4, 4.1, 4.2.1, 4.2.3, 4.2.4, 4.3.1.1, 4.3.1.2, 4.3.1.4, 4.3.2.3, 4.3.3.2.1, 4.3.3.5, 5.4.1, 5.4.2, 6.1.1.1, 6.1.2.1, 6.1.3, 6.1.4, 6.2.2.2, 6.2.5.3, 7.1.1, and 7.2.1, and Tables 1–3 and 6–8. Addition of Clause 5.1.3 and Table 10. Deletion of Clauses 4.3.2.2 and 6.1.2.2, and Tables 4 and 5.

CAN/CSA-B481 Series-07

Grease Interceptors

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

CAN/CSA-B483.1-07

Drinking Water Treatment Systems

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

CAN/CSA-B1800-06

Thermoplastic Nonpressure Piping Compendium

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

Modifications publiées en français

CAN/CSA-A440.4-07

Installation des fenêtres, des portes et des lanterneaux

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

CAN/CSA-B481 Série-07

Séparateurs de graisses

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.

Modifications publiées en français (suite)

CAN/CSA-B483.1-07

Systèmes de traitement de l'eau potable

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

CAN/CSA-B1800-06

Recueil de normes sur les tuyaux thermoplastiques sans pression

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.

Reaffirmed Standards

CAN/CSA-S475-03 (R2007)

Sea Operations

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. 167-08, 5th edition

Household Dishwashers (bi-national with UL 749, eighth edition)..... \$335

This standard applies to electric household dishwashers intended to be used in nonhazardous locations in accordance with the Canadian Electrical Code (CEC), Part I, in Canada, and the National Electrical Code (NEC), in the United States, on circuits having a nominal voltage not exceeding 250 V.

This standard applies to both cord-connected appliances and permanently-connected appliances.

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

C22.2 No. 250.7-07, 1st edition

Extra-Low-Voltage Landscape Lighting Systems..... \$200

This standard applies to extra-low-voltage landscape lighting systems and associated components that are intended for cord-connected, direct plug-in, or permanent connection to a branch circuit of not more than 150 volts-to-ground in accordance with the *Canadian Electrical Code, Part I*.

This standard only covers extra-low-voltage landscape lighting systems where the maximum output circuit is 300 VA or 25 A, whichever is less, from each of the secondary circuits operating at not more than 30 V rms or 42.4 V peak.

Extra-low-voltage landscape lighting systems covered by this standard are intended for gardens, walkways, patio areas, or similar outdoor locations, and for specific indoor locations such as atriums and shopping malls in accordance with the marking on the product.

CAN/CSA-IEC 61000-4-5:08, 2nd edition (bilingual)

Electromagnetic compatibility (EMC) — Part 4-5: Testing and measurement techniques — Surge immunity test (Adopted IEC 61000-4-5:2005, second edition, without modification)..... \$180

This standard relates to the immunity requirements, test methods, and range of recommended test levels for equipment to unidirectional surges caused by overvoltages from switching and lightning transients. Several test levels are defined that relate to different environment and installation conditions. These requirements are developed for and are applicable to electrical and electronic equipment.

The object of this standard is to establish a common reference for evaluating the immunity of electrical and electronic equipment when subjected to surges. The test method documented in this standard describes a consistent method for assessing the immunity of an equipment or system against a defined phenomenon.

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



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

CAN/CSA-IEC 61000-6-2:08, 1st edition (bilingual)

Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments (Adopted IEC 61000-6-2:2005, second edition, without modification) \$70

This standard applies to electrical and electronic apparatus intended for use in industrial environments. Immunity requirements in the frequency range 0 Hz to 400 GHz are covered. No tests need to be performed at frequencies where no requirements are specified.

This standard applies to apparatus intended to be connected to a power network supplied from a high or medium voltage transformer dedicated to the supply of an installation feeding manufacturing or similar plant, and intended to operate in or near industrial locations. This standard also applies to apparatus that are battery operated and intended to be used in industrial locations.

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

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 41-07, 5^e édition

Matériel de mise à la terre et de mise à la masse (norme binationale avec UL 467-2007, neuvième édition) 200 \$

Cette norme s'applique au matériel de mise à la masse conçu pour être utilisé conformément au *Code canadien de l'électricité, Première partie, CSA C22.1*, au Canada ou au *National Electrical Code, NFPA 70*, aux Etats-Unis.

Cette norme est offerte en format PDF seulement.

C22.2 n° 83.1-07, 2^e édition

Tubes électriques métalliques en acier (norme trinationale avec NMX-J-536-ANCE-2007, deuxième édition, et UL 797, neuvième édition) 370 \$

Cette norme s'applique aux tubes électriques métalliques (EMT) en acier ainsi qu'à leurs coudes, destinés à la fabrication de canalisations métalliques pour fils et câbles conformément à la CSA C22.1, *Code canadien de l'électricité, Première partie*, à la NOM-001-SEDE, *Standard for Electrical Installations* et à la NFPA 70, *National Electrical Code* (renvoi n° 1 de l'annexe A). Les tubes EMT portent un revêtement externe en zinc, à base de zinc, non métallique ou fait d'un autre matériau anticorrosion, ainsi qu'un revêtement interne en matériau organique ou en zinc. Il incombe à l'utilisateur de déterminer le produit approprié pour ses besoins particuliers.

Cette norme est offerte en format PDF seulement.

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

C22.2 n° 94.1-07, 1^{re} édition

Enveloppes pour appareillage électrique : facteurs non ambiants (norme trinationale avec NMX-J-235/1-ANCE-2007, deuxième édition, et UL 50, douzième édition)..... 665 \$

Cette norme s'applique aux enveloppes abritant de l'appareillage électrique conçu pour être installé et utilisé dans des emplacements non dangereux, conformément au *Code canadien de l'électricité, Première partie* (CSA C22.2), au *National Electrical Code* (NFPA 70), et à la NOM-001-SEDE visant les installation électriques au Mexique, comme suit :

- a) enveloppes pour l'intérieur, de types 1, 2, 5, 12 12K et 13 ; et
- b) enveloppes pour l'intérieur ou extérieur, de types 3, 3R, 3S, 4, 4X, 6 et 6P.

Cette norme énonce les exigences applicables à la construction et à la tenue en service des enveloppes (facteurs non ambiants), afin de garantir aux personnes un degré de protection raisonnable contre tout contact accidentel avec l'appareillage qu'elles renferment. Les exigences supplémentaires de construction et de tenue en service des enveloppes (facteurs ambiants) sont énoncées dans la C22.2 n° 94.2, l'UL 50E et la NMX-J-235/2-ANCE, qui doivent être utilisées conjointement à cette norme.

Cette norme est offerte en format PDF seulement.

C22.2 n° 94.2-07, 1^{re} édition

Enveloppes pour appareillage électrique : facteurs ambiants (norme trinationale avec NMX-J-235/2-ANCE-2007, deuxième édition, et UL 50E, première édition)..... 665 \$

Cette norme s'applique aux enveloppes abritant de l'appareillage électrique conçu pour être installé et utilisé dans des emplacements non dangereux, conformément au *Code canadien de l'électricité, Première partie* (CSA C22.2), au *National Electrical Code* (NFPA 70), et à la NOM-001-SEDE visant les installation électriques au Mexique, comme suit :

- c) enveloppes pour l'intérieur, de types 1, 2, 5, 12 12K et 13 ; et
- d) enveloppes pour l'intérieur ou extérieur, de types 3, 3R, 3S, 4, 4X, 6 et 6P.

Cette norme énonce des exigences applicables à la construction et à la tenue en service des enveloppes (facteurs ambiants). Les exigences générales visant les enveloppes sont énoncées dans la C22.2 n° 94.1, l'UL 50 et la NMX-J-235/1-ANCE, ou dans les normes de produits qui doivent être cette norme.

Cette norme est offerte en format PDF seulement.

C22.2 n° 2556-07, 2^e édition

Modes opératoires d'essai des fils et câbles (norme trinationale avec NMX-J-556-ANCE, deuxième édition, et UL 2556, deuxième édition)..... 335 \$

Cette norme décrit l'appareillage, les modes opératoires et les formules à utiliser pour les essais, ainsi que les calculs afférents, prescrits par les normes visant les fils et câbles.

Cette norme est offerte en format PDF seulement.

**Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)****CAN/CSA-IEC 61000-4-5:08, 2^e édition (bilingue)**

Compatibilité électromagnétique (CEM) — Partie 4-5: Techniques d'essai et de mesure — Essai d'immunité aux ondes de choc (norme IEC 61000-4-5:2005, deuxième édition, adoptée sans modifications) 180 \$

Cette norme se rapporte aux exigences d'immunité pour les matériels, aux méthodes d'essai et à la gamme des niveaux d'essai recommandés, vis-à-vis des ondes de choc unidirectionnelles provoquées par des surtensions dues aux transitoires de foudre et de manœuvres. Elle définit plusieurs niveaux d'essai se rapportant à différentes conditions d'environnement et d'installation. Ces exigences sont développées pour les matériels électrique et électronique et leur sont applicables.

Cette norme a pour objet d'établir une référence commune dans le but d'évaluer, l'immunité des matériels électriques et électroniques, quand ils sont soumis à des ondes de choc. La méthode d'essai documentée dans cette norme décrit une méthode logique en vue d'évaluer l'immunité d'un équipement ou d'un système vis-à-vis d'un phénomène donné.

Cette norme est offerte en format PDF seulement.

CAN/CSA-IEC 61000-6-2:08, 2^e édition (bilingue)

Compatibilité électromagnétique (CEM) — Partie 6-2 : Normes génériques — Immunité pour les environnements industriels (norme IEC 61000-6-2:2005, deuxième édition, adoptée sans modifications) 180 \$

La présente partie de la CEI 61000 concernant les exigences d'immunité en matière de compatibilité électromagnétique s'applique aux appareils électriques et électroniques destinés à être utilisés dans des environnements industriels, tels qu'ils sont décrits ci-dessous.

Les appareils couverts par cette norme sont destinés à être raccordés à un réseau d'énergie alimenté par un transformateur haute tension ou moyenne tension réservé à l'alimentation d'une l'installation alimentant un site industriel ou analogue, et destinés à fonctionner à l'intérieur ou à proximité des sites industriels, comme défini ci-dessous. Cette norme s'applique également aux appareils qui sont alimentés par piles ou accumulateurs et qui sont destinés à être utilisés dans des sites industriels.

Cette norme est offerte en format PDF seulement.

Amendments

CAN/CSA-C22.2 No. 4248.1-07

Fuseholders — Part 1: General Requirements (tri-national with NMX-J-009/4248/1-ANCE, first edition, and UL 4248-1, first edition)

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



Amendments (cont'd)

CAN/CSA-C22.2 No. 4248.4-07

Fuseholders — Part 4: Class CC (tri-national with NMX-J-009/4248/4-ANCE, first edition, and UL 4248-4, first edition)

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

CAN/CSA-C22.2 No. 4248.5-07

Fuseholders — Part 5: Class G (tri-national with NMX-J-009/4248/5-ANCE, first edition, and UL 4248-5, first edition)

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

CAN/CSA-C22.2 No. 4248.6-07

Fuseholders — Part 6: Class H (tri-national with NMX-J-009/4248/6-ANCE, first edition, and UL 4248-6, first edition)

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

CAN/CSA-C22.2 No. 4248.8-07

Fuseholders — Part 8: Class J (tri-national with NMX-J-009/4248/8-ANCE, first edition, and UL 4248-8, first edition)

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

CAN/CSA-C22.2 No. 4248.9-07

Fuseholders — Part 9: Class K (tri-national with NMX-J-009/4248/9-ANCE, first edition, and UL 4248-9, first edition)

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

CAN/CSA-C22.2 No. 4248.11-07

Fuseholders — Part 11: Type C (Edison Base) and Type S Plug Fuse (tri-national with NMX-J-009/4248/11-ANCE, first edition, and UL 4248-11, first edition)

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

CAN/CSA-C22.2 No. 4248.12-07

Fuseholders — Part 12: Class R (tri-national with NMX-J-009/4248/12-ANCE, first edition, and UL 4248-12, first edition)

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



Amendments (cont'd)

CAN/CSA-C22.2 No. 4248.15-07

Fuseholders — Part 15: Class T (tri-national with NMX-J-009/4248/15-ANCE, first edition, and UL 4248-15, first edition)

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

Modifications publiées en français

CAN/CSA-C22.2 n° 4248.1-07

Porte-fusibles — Partie 1 : exigences générales (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/1-ANCE et la première édition de la norme UL 4248-1)

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

CAN/CSA-C22.2 n° 4248.4-07

Porte-fusibles — Partie 4 : classe CC (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/4-ANCE et la première édition de la norme UL 4248-4)

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

CAN/CSA-C22.2 n° 4248.5-07

Porte-fusibles — Partie 5 : classe G (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/5-ANCE et la première édition de la norme UL 4248-5)

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

CAN/CSA-C22.2 n° 4248.6-07

Porte-fusibles — Partie 6 : classe H (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/6-ANCE et la première édition de la norme UL 4248-6)

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

CAN/CSA-C22.2 n° 4248.8-07

Porte-fusibles — Partie 8 : classe J (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/8-ANCE et la première édition de la norme UL 4248-8)

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.



Modifications publiées en français (suite)

CAN/CSA-C22.2 n° 4248.9-07

Porte-fusibles — Partie 9 : classe K (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/9-ANCE et la première édition de la norme UL 4248-9)

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

CAN/CSA-C22.2 n° 4248.11-07

Porte-fusibles — Partie 11 : fusibles bouchons de type C (filetés) et de type S (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/11-ANCE et la première édition de la norme UL 4248-11)

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

CAN/CSA-C22.2 n° 4248.12-07

Porte-fusibles — Partie 12 : classe R (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/12-ANCE et la première édition de la norme UL 4248-12)

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

CAN/CSA-C22.2 n° 4248.15-07

Porte-fusibles — Partie 15 : classe T (norme trinationale comprenant la première édition de la norme NMX-J-009/4248/15-ANCE et la première édition de la norme UL 4248-15)

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

C22.2 No. 39-M1987 (R2007)

Fuseholder Assemblies

C22.2 No. 174-M1984 (R2008)

Cables and Cable Glands for Use in Hazardous Locations

C108.1.1-1977 (R2008)

Electromagnetic Interference Measuring Instrument — CISPR Type

C108.1.2-M1981 (R2008)

Electromagnetic Interference Measuring Instrument — ANSI Type

CAN3-C108.1.5-M85 (R2008)

Line Impedance Stabilization Network (LISN)

CAN/CSA-E60079-7:03 (R2008)

Electrical apparatus for explosive gas atmospheres — Part 7: Increased safety 'E'
(Adopted CEI/IEC 60079-7:2001, third 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
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
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

Certification Notices (cont'd)

Effective Date	Subject	Title
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. 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

CAN/CSA-C62301:07, 1st edition (bilingual)

Household electrical appliances — Measurement of standby power

(Adopted CEI/IEC 62301:2005, first edition, with Canadian deviations) \$115

This standard specifies methods of measurement of electrical power consumption in standby mode. It applies to mains powered electrical household appliances and to the mains powered parts of appliances that use other fuels such as gas or oil.

The objective of this standard is to provide a method of test to determine the power consumption of a range of appliances and equipment in standby mode (generally where the product is not performing its main function). This standard defines “standby” mode as the lowest power consumption when connected to the mains. The test method also applies to other low power modes where the mode is steady state or providing a background or secondary function.

N292.2-07, 2nd edition

Interim Dry Storage of Irradiated Fuel..... \$200

This standard applies to interim dry storage systems for irradiated fuel.

This standard specifies requirements for the site selection, design, construction, commissioning, operation, and decommissioning of dry storage systems. Dry storage systems include all facilities, structures, support services, and equipment required for the following:

- transferring irradiated fuel
- container processing
- storage of irradiated fuel
- monitoring
- retrieval of irradiated fuel from dry storage
- decommissioning planning.

This standard specifies safety and security requirements for dry storage systems.

N293-07, Consolidated 3rd edition

Fire Protection for CANDU Nuclear Power Plants..... \$200

This reprint is being issued to incorporate revisions (Update No. 1 – January 2008) into the original standard.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-C62301:07, 1^{re} édition (bilingue)

Appareils électrodomestiques — Mesure de la consommation en veille (norme CEI/IEC 62301:2005, première édition, adoptée avec exigences propres au Canada) 115 \$

Cette norme spécifie les méthodes de mesure de la consommation électrique en mode veille. Elle s'applique aux appareils électrodomestiques connectés au réseau et aux parties d'appareils connectés au réseau qui utilisent d'autres combustibles tels que le gaz ou le pétrole.

L'objet de ce projet de norme est de fournir une méthode d'essai pour déterminer la consommation de courant d'une gamme d'appareils et d'équipements en mode veille (généralement quand le produit n'effectue pas sa fonction principale). Cette norme définit le mode «veille» comme la consommation de puissance la plus faible lorsqu'il y a raccordement au réseau. La méthode d'essai est également applicable à d'autres modes de faible puissance si le mode est en régime établi ou fournit une fonction de fond ou secondaire.

N290.5-06, 2^e édition (bilingue)

Exigences relatives aux systèmes d'alimentation électrique et en air d'instrumentation des centrales nucléaires CANDU..... 100 \$

Cette norme traite de la conception, de l'approvisionnement, de la qualification, de la construction, de l'installation, de l'inspection et de la documentation relatifs aux systèmes d'alimentation électrique et en air d'instrumentation des centrales nucléaires CANDU. Ces systèmes sont considérés comme des systèmes de sûreté auxiliaires.

Les systèmes d'alimentation électrique et en air d'instrumentation des centrales nucléaires CANDU comprennent les structures, les systèmes, l'équipement et les composants nécessaires au fonctionnement des systèmes liés à la sûreté.

Amendments

CAN/CSA-C749-07

Performance of Dehumidifiers

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

N286-05

Management System Requirements for Nuclear Power Plants

Revision of the Contents and Clause 6.4. Addition of Annex G.

Amendments (cont'd)

N293-07

Fire Protection for CANDU Nuclear Power Plants

Revision of the Contents and Clauses 1.2, 2, 3, 4.3.1, 4.5, 5.6.2.2, 5.7.1.1, 5.7.1.2, 5.7.2.2, 5.7.2.4, 5.7.3.1, 5.7.4.2.1, 5.7.5.1.1, 6.3.3.3, 6.7.2.1, 6.8.1.1, 6.8.2.5, 6.8.6.3, 7.2.1.2, 7.2.1.3, 7.2.1.5, 7.2.1.6.2, 7.2.1.6.4, 7.2.1.11, 7.2.3.1, 7.2.3.2, 7.3.1.1.3, 7.4, 8.1, 8.2.1.2, 8.2.1.5, 8.2.3.5.2, 8.2.3.6.2, 8.2.3.7.1, 8.2.4.3, 8.2.9.2, 8.3.3.1, 9.2.7, 9.3.5, 10.1.1, 10.1.3, 11.1.2.2, 11.1.2.3, 11.2.1, 11.2.2, 11.4, 11.5.1, 11.6, 11.8.1, A.5.3.4, A.5.4.2.6, A.5.4.3.1, A.5.5.2.2, A.5.5.2.3, A.5.7.1.1, A.5.7.2.5, A.5.9.2, A.6.3, A.6.6.2, A.6.7.1.2, A.6.7.1.3, A.6.8.2.5, A.6.8.6.3, A.6.8.7.3, A.7.2.1, A.8.1, A.8.2.3.5.1, A.11.2.2, A.11.4, A.11.5.1, A.11.5.2, A.11.6, A.11.7.2, B.1.1, B.1.2.1, B.1.2.2, B.1.2.3, B.1.3.1, B.1.3.2, B.2.3, B.2.4, B.4.12, B.6.1, B.6.3, B.6.4, B.7.1, B.7.2.2, B.7.3, B.7.6.1, B.7.6.2, B.8.1, B.9.4, B.10.1, and B.11. Addition of Clauses A.5.6.2.2, A.6.7.2.1(c), A.8.2.3.6.2, and A.8.3.4.1. Deletion of Clauses 4.3.3 and 8.2.9.5.

Modifications publiées en français

CAN/CSA-C749-07

Performances des déshumidificateurs

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-N287.2-M91 (R2008)

Material Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants

CAN3-N289.1-80 (R2008)

General Requirements for Seismic Qualification of CANDU Nuclear Power Plants



Formal Interpretations

The following interpretations regarding Clauses 8.2.1.1.1, 8.2.3.1.2 and 8.2.6 of CSA standard **Z662-07**, *Oil and Gas Pipeline Systems*, has been approved by the Technical Committee K110 Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question 1 (Clause 8.2.1): Is it the intent that for piping operating at pressures greater than 700 kPa and successfully undergoing a strength test followed by a leak test, using a liquid medium, that these tests are to be conducted separately?

I.e., when the strength test is completed for the required duration (hold time), the pressure be brought down to zero (0) and then re-pressured to the required leak test pressure.

Answer: Yes. The tests are to be conducted separately as the minimum pressures and durations are distinct. However, there is no requirement in the standard to lower the pressure to zero prior to conducting a leak test.

Question 2 (Clause 8.2.3): For piping that is to be tested with a gaseous medium, concurrent strength and leak tests may be conducted, provided that the pressure does not exceed a pressure corresponding to 100% of the SMYS of the pipe, and provided that an appropriate method for detecting leaks is used.

Is it the intent that for piping that is to be tested with a liquid medium, to allow concurrent strength and leak tests as well?

Answer: No.

Question 3 (Clause 8.10.1):

(a) Can doing a strength test to the required minimum test pressure and held for 4 hours in accordance with 8.10.1, when not fully exposed, be counted as satisfying the leak test requirement of 4 hours also?

Answer: No.

(b) Is an 8 hour test required to satisfy both strength and leak test durations?

Answer: Yes. A minimum of 4 hour strength test followed by a minimum of 4 hour leak test for a total duration of a minimum of 8 hours for a liquid medium.

The following interpretation regarding Clause 7.6.4.5 and Table 7.3 of CSA standard **Z662-07**, *Oil and Gas Pipeline Systems*, has been approved by the Technical Committee K110 Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question: Does a change from an EXXXX-G electrode to either an EXXXX-A1 or EXXXX-P1 electrode, or from either an EXXXX-A1 or EXXXX-P1 to an EXXXX-G electrode, constitute a change in essential variable for qualification of welding procedure specifications?

Answer: Yes. You must re-qualify your procedure.



Completed Projects / Projets terminés

Withdrawn Standards

Z810-98 (R2003)

Life Cycle Impact Assessment: Pulp and Paper Production Phase



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

P.2-07, 2nd edition

Testing Method for Measuring the Annual Fuel Utilization Efficiency of Residential Gas-Fired Furnaces and Boilers \$150

This standard specifies a testing method for measuring the annual fuel utilization efficiency (AFUE) of residential gas-fired forced-air furnaces and low-pressure steam and hot water boilers and includes the following:

- a testing method for cyclic and part-load performance
- methods for interpolating and extrapolating test data
- calculation procedures for establishing seasonal performance.

This standard applies to furnaces with inputs less than 65.9 kW (225 000 Btu/h) and boilers with inputs less than 88 kW (300 000 Btu/h) intended for use in residential applications. This standard also applies to packaged furnaces with inputs less than 65.9 kW (225 000 Btu/h) that contain an air conditioner within the same cabinet that has a rated cooling capacity of 19 kW (65 000 Btu/h) or less.

P.11-07, 1st edition

Testing Method for Measuring Efficiency and Energy Consumption of Gas-Fired Unit Heaters \$150

This standard specifies requirements for measuring the thermal efficiency, electric power consumption, and power factor of gas-fired unit heaters with a maximum input rate of 2 931 kW (10 000 000 Btu/h) or less (including utility heaters with a maximum input rate of 117.2 kW [4000 000 Btu/h] or less) constructed of unused parts and materials, for use with the following:

- natural gas with an inlet pressure of 34.5 kPa (5.0 psi) or less
- manufactured gas
- mixed gas
- liquefied petroleum gases
- liquefied petroleum gas-air mixtures.

This standard covers unit heaters designed to be convertible from natural gas to liquefied petroleum gases and vice versa.

Reaffirmed Standards

ANSI NGV 4.8-2002/CSA 12.8-2002 (R2008)

Natural Gas Vehicle (NGV) Fuelling Station Compressor Guidelines



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 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
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

**Certification Notices (cont'd)**

Effective Date	Subject	Title
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. 60601-2-2:08, 3rd edition (bilingual)

Medical electrical equipment — Part 2-2: Particular requirements for the safety of high frequency surgical equipment (Adopted CEI/IEC 60601-2-2:2006, fourth edition, without modification) \$260

This standard specifies requirements for the safety of high frequency surgical equipment and HF surgical accessories used in medical practice.

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

PLUS 14971

The ISO 14971:2007 Essentials — A Practical Handbook for Implementing the ISO 14971 Standard for Medical Devices..... \$100

The primary objective of this Handbook is to provide both novice and experienced risk management practitioners with a concise, user-friendly guide to understanding and implementing the requirements of ISO 14971:2007.

Z317.13-07, 2nd edition

Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities \$95

This standard describes precautionary and remedial measures for preventing exposure to agents released or augmented because of actions undertaken during health care facility construction, renovation, maintenance, and repair work.

This standard is intended to apply to the activities of the following involved in any aspect of construction, renovation, or maintenance of healthcare facilities:

- architects
- engineers
- commissioning teams
- constructors
- infection prevention and control personnel
- planning and project managers
- facility managers and maintenance managers
- environmental services staff
- health care staff
- occupational health hygiene professionals
- operations and maintenance staff.

This standard has been developed for use during the project specification phase of construction, renovation, and maintenance projects and as a guideline for preventing and controlling fungal and bacterial infections during the implementation of such projects.



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

CAN/CSA-Z22870-07, 1st edition

Point-of-care testing (POCT) — Requirements for quality and competence
(Adopted ISO 22870:2006, first edition, with Canadian deviations)..... \$75

This standard provides specific requirements that apply to point-of-care testing. It is intended to be used in conjunction with ISO 15189. The requirements of this standard apply when POCT is carried out in a hospital, a clinic or by a healthcare organization providing ambulatory care. This standard can be applied to transcutaneous measurements, the analysis of expired air, and in vivo monitoring of physiological parameters.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-C22.2 n° 60601-2-2:08, 3^e édition (bilingue)

Appareils électromédicaux — Partie 2-2: Exigences particulières pour la sécurité des appareils d'électrochirurgie à courant haute fréquence (norme CEI/IEC 60601-2-2 :2006, quatrième édition, adoptée sans modifications) 260 \$

Cette norme spécifie des exigences relatives à la sécurité des appareils d'électrochirurgie HF et des accessoires d'électrochirurgie HF utilisés dans la pratique médicale.

Cette norme est offerte en format PDF seulement.

CAN/CSA-Z22870-07, 1^{re} édition

Analyses de biologie délocalisées (ADBBD) — Exigences concernant la qualité et la compétence (norme ISO 22870:2006, première édition, adoptée avec exigences propres au Canada) 75 \$

Cette norme fournit des exigences spécifiques des analyses de biologie délocalisées et est destinée à être utilisée conjointement à l'ISO 15189. Les exigences de la cette norme s'appliquent lorsque les ADBBD sont réalisées dans un hôpital ou une clinique et par un organisme de santé prodiguant des soins ambulatoires. Cette norme peut s'appliquer à des mesurages transcutanés, à l'analyse de l'air expiré et à la surveillance in vivo de paramètres physiologiques.

Reaffirmed Standards

B480-02 (R2008)

Customer Service Standard for People With Disabilities

CAN/CSA-D435-02 (R2007)

Accessible Transit Buses

D436-03 (R2007)

Accessible Over-The-Road Buses

CAN/CSA-Z91-02 (R2008)

Health and Safety Code for Suspended Equipment Operations

Reaffirmed Standards (cont'd)

CAN/CSA-Z94.4-02 (R2007)

Selection, Use, and Care of Respirators

CAN/CSA-Z96-02 (R2008)

High-Visibility Safety Apparel

CAN/CSA-Z107.58-02 (R2008)

Noise Emission Declarations for Machinery

CAN/CSA-Z142-02 (R2007)

Code for Power Press Operation: Health, Safety, and Guarding Requirements

CAN/CSA-Z264.1-02 (R2008)

Spacers and Holding Chambers for Use with Metered-Dose Inhalers

CAN/CSA-Z275.4-02 (R2008)

Competency Standard for Diving Operations

Withdrawn Standards

CAN/CSA-Z9918-94 (R2004)

Capnometers for use with humans — Requirements (Adopted ISO 9918:1993)

This standard has been replaced by CAN/CSA-Z21647-07, *Medical electrical equipment — Particular requirements for the basic safety and essential performance of respiratory gas monitors*.

Formal Interpretations

The following interpretation regarding Clause 4.2.1 of CSA standard **B51-03, Boiler, Pressure Vessel, and Pressure Piping Code**, has been approved by the Technical Committee on Boilers and Pressure Vessels.

Question 1: If a manufacturer stopped making a (registered) component prior to the 10 years, the components would not have to be re-registered every 10 years, even though previously manufactured components may still be in use. Correct?

Answer: Yes.

Question 2: If the manufacturer decided to modify this component in any way it would have to be re-registered as per Section 4.1.4 regardless of when the modifications were made. In our case it would not be a re-registration but a new registration required for the modified component as the original registration has long since expired. Correct?

Answer: Yes.



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



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