



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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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 416-747-2488, or fax 416-747-4173.



Construction Products and Materials

[A23.4-09, 5th edition](#)

Precast Concrete — Materials and Construction

[O151-09, 4th edition](#)

Canadian Softwood Plywood

[W47.1-09, 7th edition](#)

Certification of Companies for Fusion Welding of Steel



Electrical/Electronics

[C22.2 No. 0.3-09, 7th edition](#)

Test Methods for Electrical Wires and Cables

[C22.2 No. 0.8-09, 2nd edition](#)

Safety Functions Incorporating Electronic Technology

[C22.2 No. 68-09, 7th edition](#)

Motor-Operated Appliances (Household and Commercial)

[C22.2 No. 126.1-09, 3rd edition](#)

Metal Cable Tray Systems (bi-national standard with NEMA VE 1, fifth edition)

[C22.2 No. 127-09, 7th edition](#)

Equipment and Lead Wires

[C22.2 No. 179-09, 4th edition](#)

Airport series lighting cables

[C22.2 No. 263-09, 1st edition](#)

Fire Pump Controllers (tri-national standard with NMX-J-626-ANCE, first edition and UL 218, second edition)

[SPE-1000-09, 3rd edition](#)

Model Code for the Field Evaluation of Electrical Equipment



Energy

[B139-09, 8th edition](#)

Installation Code for Oil-Burning Equipment

[C743-09, 3rd edition](#)

Performance Standard for Rating Packaged Water Chillers

[C867.2-09, 1st edition](#)

Performance of Decorative Light Strings

 **Énergie**

[F379 Série-09, 1^{re} édition](#)

Chauffe-eau solaires d'usage ménager intégrés (transfert de chaleur liquide-liquide)

[N285.5-08, 3^e édition](#)

Inspection périodique des composants de confinement des centrales nucléaires CANDU

[N290.6-09, 2^e édition](#)

Exigences relatives à la surveillance et à l'affichage des fonctions de sûreté d'une centrale nucléaire au moment d'un accident

 **Life Sciences**

[B352.0-09, 2nd edition](#)

Roll-Over Protective Structures (ROPS), Falling Object Protective Structures (FOPS), Operator Protective Structures (OPS), and Tip-Over Protective Structures (TOPS) for Mobile Machinery — General Canadian Requirements

[Z275.3-09, 3rd edition](#)

Occupational Safety Code for Work in Compressed Air Environments

 **Sciences de la Vie**

[B625-08, 1^{re} édition](#)

Citernes mobiles pour le transport des marchandises dangereuses

[Z94.3.1-09, 2^e édition](#)

Sélection, utilisation et entretien des lunettes de protection

 **Qualité / Gestion et production**

[PLUS 9001, 4^e édition](#)

Principes essentiels de l'ISO 9000 : Guide pratique pour l'application des normes de la famille ISO 9000



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO/IEC 2382-8-01 (R2009)

Information technology — Vocabulary — Part 8: Security (Adopted ISO/IEC 2382-8:1998)

CAN/CSA-ISO/IEC 2382-16-01 (R2009)

Information technology — Vocabulary — Part 16: Information theory
(Adopted ISO/IEC 2382-16:1996)

CAN/CSA-ISO/IEC 2382-31-01 (R2009)

Information technology — Vocabulary — Part 31: Artificial intelligence — Machine learning (Adopted ISO/IEC 2382-31:1997)

CAN/CSA-ISO/IEC 7942-1-01 (R2009)

Information technology — Computer graphics and image processing — Graphical Kernel System (GKS) — Part 1: Functional description (Adopted ISO/IEC 7942-1:1994)

CAN/CSA-ISO/IEC 8480-01 (R2009)

Information technology — Telecommunications and information exchange between systems — DTE/DCE interface back-up control operation using ITU-T Recommendation V.24 interchange circuits (Adopted ISO/IEC 8480:1995)

CAN/CSA-ISO/IEC 8481-01 (R2009)

Information technology — Telecommunications and information exchange between systems — DTE to DTE direct connections (Adopted ISO/IEC 8481:1996)

CAN/CSA-ISO/IEC 8482-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Twisted pair multipoint interconnections (Adopted ISO/IEC 8482:1993)

CAN/CSA-ISO/IEC 8632-1-01 (R2009)

Information technology — Computer graphics — Metafile for the storage and transfer of picture description information — Part 1: Functional specification (Adopted ISO/IEC 8632-1:1999)

CAN/CSA-ISO/IEC 8632-3-01 (R2009)

Information technology — Computer graphics — Metafile for the storage and transfer of picture description information — Part 3: Binary encoding (Adopted ISO/IEC 8632-3:1999)

CAN/CSA-ISO/IEC 8632-4-01 (R2009)

Information technology — Computer graphics — Metafile for the storage and transfer of picture description information — Part 4: Clear text encoding (Adopted ISO/IEC 8632-4:1999)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 10035-2-01 (R2009)

Information technology — Open Systems Interconnection — Connectionless protocol for the Association Control Service Element: Protocol Implementation Conformance Statement (PICS) proforma (Adopted ISO/IEC 10035-2:1995)

CAN/CSA-ISO/IEC 10036-01 (R2009)

Information technology — Font information interchange — Procedures for registration of font-related identifiers (Adopted ISO/IEC 10036:1996)

CAN/CSA-ISO/IEC 10164-14-01 (R2009)

Information technology — Open Systems Interconnection — Systems Management: Confidence and diagnostic test categories (Adopted ISO/IEC 10164-14:1996)

CAN/CSA-ISO/IEC 10164-16-01 (R2009)

Information technology — Open Systems Interconnection — Systems Management: Management knowledge management function (Adopted ISO/IEC 10164-16:1997)

CAN/CSA-ISO/IEC 10165-6-01 (R2009)

Information technology — Open Systems Interconnection — Structure of management information: Requirements and guidelines for implementation conformance statement proformas associated with OSI management (Adopted ISO/IEC 10165-6:1997)

CAN/CSA-ISO/IEC 10173-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Interface connector and contact assignments for ISDN primary rate access connector located at reference points S and T (Adopted ISO/IEC 10173:1998)

CAN/CSA-ISO/IEC 10175-1-01 (R2009)

Information technology — Text and office systems — Document Printing Application (DPA) — Part 1: Abstract service definition and procedures (Adopted ISO/IEC 10175-1:1996)

CAN/CSA-ISO/IEC 10175-2-01 (R2009)

Information technology — Text and office systems — Document Printing Application (DPA) — Part 2: Protocol specification (Adopted ISO/IEC 10175-2:1996)

CAN/CSA-ISO/IEC ISP 10611-2-01 (R2009)

Information technology — International Standardized Profiles AMH1n — Message Handling Systems — Common Messaging — Part 2: Specification of ROSE, RTSE, ACSE, Presentation and Session Protocols for use by MHS (Adopted ISO/IEC ISP 10611-2:1997)

CAN/CSA-ISO/IEC 10746-4-01 (R2009)

Information technology — Open Distributed Processing — Reference Model: Architectural semantics (Adopted ISO/IEC 10746-4:1998)

CAN/CSA-ISO/IEC 11572-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Circuit mode bearer services — Inter-exchange signalling procedures and protocol (Adopted ISO/IEC 11572:2000)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 11574-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Circuit-mode 64 kbit/s bearer services — Service description, functional capabilities and information flows (Adopted ISO/IEC 11574:2000)

CAN/CSA-ISO/IEC 11586-6-01 (R2009)

Information technology — Open Systems Interconnection — Generic upper layers security: Protecting transfer syntax Protocol Implementation Conformance Statement (PICS) proforma (Adopted ISO/IEC 11586-6:1997)

CAN/CSA-ISO/IEC 11587-01 (R2009)

Information technology — Open Systems Interconnection — Application Context for Systems Management with Transaction Processing (Adopted ISO/IEC 11587:1996)

CAN/CSA-ISO/IEC 11770-1-01 (R2009)

Information technology — Security techniques — Key management — Part 1: Framework (Adopted ISO/IEC 11770-1:1996)

CAN/CSA-ISO/IEC ISP 12072-01 (R2009)

Information technology — International Standardized Profile FDI5 — Directory data definitions — VT Use of the Directory (Adopted ISO/IEC ISP 12072:1998)

CAN/CSA-ISO/IEC 12087-3-01 (R2009)

Information technology — Computer graphics and image processing — Image Processing and Interchange (IPI) — Functional specification — Part 3: Image Interchange Facility (IIF) (Adopted ISO/IEC 12087-3:1995)

CAN/CSA-ISO/IEC 12089-01 (R2009)

Information technology — Computer graphics and image processing — Encoding for the Image Interchange Facility (IIF) (Adopted ISO/IEC 12089:1997)

CAN/CSA-ISO/IEC 13241-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Route Restriction Class additional network feature (Adopted ISO/IEC 13241:1997)

CAN/CSA-ISO/IEC 13242-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Route Restriction Class additional network feature (Adopted ISO/IEC 13242:1997)

CAN/CSA-ISO/IEC 13246-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Inter-exchange signalling protocol — Signalling ATM adaptation layer (Adopted ISO/IEC 13246:1997)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 13247-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Inter-exchange signalling protocol — Basic call/connection control (Adopted ISO/IEC 13247:1997)

CAN/CSA-ISO/IEC 13522-4-01 (R2009)

Information technology — Coding of multimedia and hypermedia information — Part 4: MHEG registration procedure (Adopted ISO/IEC 13522-4:1996)

CAN/CSA-ISO/IEC 13818-9-01 (R2009)

Information technology — Generic coding of moving pictures and associated audio information — Part 9: Extension for real time interface for systems decoders (Adopted ISO/IEC 13818-9:1996)

CAN/CSA-ISO/IEC 13888-3-01 (R2009)

Information technology — Security techniques — Non-repudiation — Part 3: Mechanisms using asymmetric techniques (Adopted ISO/IEC 13888-3:1997)

CAN/CSA-ISO/IEC 14474-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Functional requirements for static circuit-mode inter-PINX connections (Adopted ISO/IEC 14474:1998)

CAN/CSA-ISO/IEC 14834-01 (R2009)

Information technology — Distributed Transaction Processing — The XA Specification (Adopted ISO/IEC 14834:1996)

CAN/CSA-ISO/IEC 15026-01 (R2009)

Information technology — System and software integrity levels (Adopted ISO/IEC 15026:1998)

CAN/CSA-ISO/IEC 15049-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Advice of charge supplementary services (Adopted ISO/IEC 15049:1997)

CAN/CSA-ISO/IEC 15055-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Transit counter additional network feature (Adopted ISO/IEC 15055:1997)

CAN/CSA-ISO/IEC ISP 15124-1-01 (R2009)

Information technology — International Standardized Profile FOD126 — Open Document Format: Image Applications — Enhanced document structure — Character, raster graphics, and geometric graphics content architecture — Part 1: Document Application Profile (DAP) (Adopted ISO/IEC ISP 15124-1:1998)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 15411-01 (R2009)

Information technology — Segmented keyboard layouts (Adopted ISO/IEC 15411:1999)

CAN/CSA-ISO/IEC 15507-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — PINX clock synchronization (Adopted ISO/IEC 15507:1997)

CAN/CSA-ISO/IEC 15773-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Inter-exchange signalling protocol — Transit counter additional network feature (Adopted ISO/IEC 15773:1998)

CAN/CSA-ISO/IEC 15899-01 (R2009)

Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Service description — Broadband connection oriented bearer services (Adopted ISO/IEC 15899:1998)

CAN/CSA-Z243.4-87 (R2009)

7-bit and 8-bit Coded Character Sets for Information Processing and Interchange

Withdrawn Standards

CAN/CSA-ISO/IEC 10607-1-98 (R2006)

Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management — Part 1: Specification of ACSE, Presentation and Session protocols for the use by FTAM (Adopted ISO/IEC ISP 10607-1:1995, Edition 2.0)

CAN/CSA-ISO/IEC 10607-2-98 (R2006)

Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management — Part 2: Definition of document types, constraint sets and syntaxes (Adopted ISO/IEC ISP 10607-2:1995, Edition 2.0)

CAN/CSA-ISO/IEC 10607-3-98 (R2006)

Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management — Part 3: AFT11 — Simple File Transfer Service (unstructured) (Adopted ISO/IEC ISP 10607-3:1995, Edition 2.0)

CAN/CSA-ISO/IEC 10607-4-98 (R2006)

Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management — Part 4: AFT12 — Positional File Transfer Service (flat) (Adopted ISO/IEC ISP 10607-4:1995, Edition 2.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC 10607-5-98 (R2006)

Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management — Part 5: AFT22 — Positional File Access Service (flat)

(Adopted ISO/IEC ISP 10607-5:1995, Edition 2.0)

CAN/CSA-ISO/IEC 10607-6-98 (R2006)

Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management — Part 6: AFT3 — File Management Service

(Adopted ISO/IEC ISP 10607-6:1995, Edition 2.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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

(Adopted ISO/IEC ISP 10608-5:1992, Edition 1.0)

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, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10608-7-01 (R2005)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 7: Security employing the Network Layer Security Protocol (Adopted ISO/IEC ISP 10608-7:1998, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 10608-8-01 (R2005)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 8: Security employing the Network Layer Security Protocol (Adopted ISO/IEC ISP 10608-8:1998, Edition 1.0)

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, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10608-13-01 (R2005)

Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service — Part 13: MAC sublayer and physical layer dependent requirements for a Token Ring LAN subnetwork (Adopted ISO/IEC ISP 10608-13:1994, Edition 1.0)

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 (Adopted ISO/IEC ISP 10608-14:1995, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)



Withdrawn Standards (cont'd)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)



Withdrawn 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, Edition 1.0)

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 10609-15:1994, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-16-01 (R2005)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 16: Security employing the Network Layer Security Protocol — Connection-mode with No-header, for TB, TC, TD and TE profiles (Adopted ISO/IEC ISP 10609-16:1998, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-17-01 (R2005)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 17: Security employing the Network Layer Security Protocol — Connection-mode, with SDT-PDU based Protection, for TB/TC/TD/TEnnn profiles (Adopted ISO/IEC ISP 10609-17:1998, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)



Withdrawn Standards (cont'd)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)

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, Edition 1.0)



Withdrawn Standards (cont'd)

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, Edition 1.0)

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, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-33-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 33: Definition of profile TC4211 (Adopted ISO/IEC ISP 10609-33:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-34-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 34: Definition of profile TC43111 (Adopted ISO/IEC ISP 10609-34:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-35-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 35: Definition of profile TC43112 (Adopted ISO/IEC ISP 10609-35:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-36-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 36: Definition of profile TC43211 (Adopted ISO/IEC ISP 10609-36:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-37-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 37: Definition of profile TC43212 (Adopted ISO/IEC ISP 10609-37:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-38-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 38: Definition of profile TC4331 (Adopted ISO/IEC ISP 10609-38:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-40-00 (R2009)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 40: Definition of profile TD1131 (Adopted ISO/IEC ISP 10609-40:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 10609-41-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 41: Definition of profile TD1231 (Adopted ISO/IEC ISP 10609-41:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-42-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 42: Definition of profile TD4111 (Adopted ISO/IEC ISP 10609-42:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-43-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 43: Definition of profile TD4211 (Adopted ISO/IEC ISP 10609-43:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-44-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 44: Definition of profile TD43111 (Adopted ISO/IEC ISP 10609-44:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-45-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 45: Definition of profile TD43112 (Adopted ISO/IEC ISP 10609-45:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-46-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 46: Definition of profile TD43211 (Adopted ISO/IEC ISP 10609-46:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-47-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 47: Definition of profile TD43212 (Adopted ISO/IEC ISP 10609-47:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10609-48-99 (R2008)

Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 48: Definition of profile TD4331 (Adopted ISO/IEC ISP 10609-48:1995, Edition 1.0)

CAN/CSA-ISO/IEC-10612-1-96 (R2009)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 1: Subnetwork-independent requirements (Adopted ISO/IEC ISP 10612-1:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC-10612-2-96 (R2009)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 2: CSMA/CD LAN subnetwork-dependent, media-dependent requirements (Adopted ISO/IEC ISP 10612-2:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10612-3-99 (R2008)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 3: Token Ring LAN subnetwork-dependent, media-dependent requirements (Adopted ISO/IEC ISP 10612-3:1995, Edition 1.0)

CAN/CSA-ISO/IEC-10612-4-96 (R2009)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 4: Profile RD51.51 (CSMA/CD LAN — CSMA/CD LAN) (Adopted ISO/IEC ISP 10612-4:1995, Edition 1.0)

CAN/CSA-ISO/IEC-ISP 10612-5-99 (R2008)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 5: Profile RD51.54 (CSMA/CD LAN — FDDI LAN) (Adopted ISO/IEC ISP 10612-5:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10612-6-99 (R2008)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 6: Profile RD54.54 (FDDI LAN — FDDI LAN) (Adopted ISO/IEC ISP 10612-6:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10612-7-99 (R2008)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 7: Profile RD51.53 (CSMA/CD LAN — Token Ring LAN) (Adopted ISO/IEC ISP 10612-7:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10612-8-99 (R2008)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 8: Profile RD53.53 (Token Ring LAN — Token Ring LAN) (Adopted ISO/IEC ISP 10612-8:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10612-9-99 (R2008)

Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 9: Profile RD53.54 (Token Ring LAN — FDDI LAN) (Adopted ISO/IEC ISP 10612-9:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-4-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 4: FDDI LAN subnetwork-dependent, media-dependent requirements (Adopted ISO/IEC ISP 10613-4:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 10613-6-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 6: Definition of profile RA51.54, relaying the Connectionless-mode Network Service between CSMA/CD LAN subnetworks and FDDI LAN subnetworks (Adopted ISO/IEC ISP 10613-6:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-7-01 (R2005)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 7: PSDN subnetwork-dependent, media-dependent requirements for virtual calls over a permanent access (Adopted ISO/IEC ISP 10613-7:1994, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-10-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 10: Token Ring LAN subnetwork-dependent, media-dependent requirements (Adopted ISO/IEC ISP 10613-10:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-11-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 11: Definition of profile RA51.53, relaying the Connectionless-mode Network Service between CSMA/CD LAN subnetworks and Token Ring LAN subnetworks (Adopted ISO/IEC ISP 10613-11:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-12-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 12: Definition of profile RA53.53, relaying the Connectionless-mode Network Service between Token Ring LAN subnetworks (Adopted ISO/IEC ISP 10613-12:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-13-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 13: Definition of profile RA53.54, relaying the Connectionless-mode Network Service between Token Ring LAN subnetworks and FDDI LAN subnetworks (Adopted ISO/IEC ISP 10613-13:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-14-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 14: Definition of profile RA54.54, relaying the Connectionless-mode Network Service between FDDI LAN subnetworks (Adopted ISO/IEC ISP 10613-14:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-15-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 15: Definition of profile RA53.1111, relaying the Connectionless-mode Network Service between Token Ring LAN subnetworks and PSDNs using virtual calls over a PSTN leased line permanent access (Adopted ISO/IEC ISP 10613-15:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 10613-16-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 16: Definition of profile RA53.1121, relaying the Connectionless-mode Network Service between Token Ring LAN subnetworks and PSDNs using virtual calls over a digital data circuit/CSDN leased line permanent access (Adopted ISO/IEC ISP 10613-16:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-17-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 17: Definition of profile RA54.1111, relaying the Connectionless-mode Network Service between FDDI LAN subnetworks and PSDNs using virtual calls over a PSTN leased line permanent access (Adopted ISO/IEC ISP 10613-17:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-18-99 (R2008)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 18: Definition of profile RA54.1121, relaying the Connectionless-mode Network Service between FDDI LAN subnetworks and PSDNs using virtual calls over a digital data circuit/CSDN leased line permanent access (Adopted ISO/IEC ISP 10613-18:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-19-01 (R2005)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 19: Security employing the Network Layer Security Protocol — Connectionless-mode, for RAnn.nn profiles (Adopted ISO/IEC ISP 10613-19:1998, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10613-20-01 (R2005)

Information technology — International Standardized Profile RA — Relaying the Connectionless-mode Network Service — Part 20: Security employing the Network Layer Security Protocol — Connection-mode with SDT-PDU based protection over X.25 packet switched data networks using virtual calls, for RA1111/RA1121 profiles (Adopted ISO/IEC ISP 10613-20:1998, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10614-1-99 (R2008)

Information technology — International Standardized Profile RC — X.25 protocol relaying — Part 1: Subnetwork-independent requirements (Adopted ISO/IEC ISP 10614-1:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10614-2-99 (R2008)

Information technology — International Standardized Profile RC — X.25 protocol relaying — Part 2: LAN subnetwork-dependent, media-independent (Adopted ISO/IEC ISP 10614-2:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 10614-3-99 (R2008)

Information technology — International Standardized Profile RC — X.25 protocol relaying — Part 3: CSMA/CD LAN subnetwork-dependent, media-dependent requirements (Adopted ISO/IEC ISP 10614-3:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10614-4-99 (R2008)

Information technology — International Standardized Profile RC — X.25 protocol relaying — Part 4: PSDN subnetwork-dependent, media-dependent requirements for virtual calls over a permanent access (Adopted ISO/IEC ISP 10614-4:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10614-5-99 (R2008)

Information technology — International Standardized Profile RC — X.25 Protocol relaying — Part 5: Definition of profile RC51.1111, X.25 protocol relaying between CSMA/CD LAN subnetworks and PSDNs using virtual calls over a PSTN leased line permanent access (Adopted ISO/IEC ISP 10614-5:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10614-6-99 (R2008)

Information technology — International Standardized Profile RC — X.25 Protocol relaying — Part 6: Definition of profile RC51.1121, X.25 protocol relaying between CSMA/CD LAN subnetworks and PSDNs using virtual calls over a digital data circuit/CSDN leased line permanent access (Adopted ISO/IEC ISP 10614-6:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10615-5-01 (R2005)

Information technology — International Standardized Profiles ADInn — OSI Directory — Part 5: ADI31 — DUA Support for Distributed Operations (Adopted ISO/IEC ISP 10615-5:1998, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10615-6-01 (R2005)

Information technology — International Standardized Profiles ADInn — OSI Directory — Part 6: ADI32 — DSA Support for Distributed Operations (Adopted ISO/IEC ISP 10615-6:1998, Edition 1.0)

CAN/CSA-ISO/IEC ISP 10616-99 (R2008)

Information technology — International Standardized Profile FDI11 — Directory data definitions — Common Directory Use (Normal) (Adopted ISO/IEC ISP 10616:1995, Edition 1.0)

CAN/CSA-ISO/IEC-11185-1-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 1: FVT211, FVT212 — Sequenced and Unsequenced Application Control Objects (Adopted ISO/IEC ISP 11185-1:1994, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC-11185-2-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 2: FVT213, FVT214 — Sequenced and Unsequenced Terminal Control Objects (Adopted ISO/IEC ISP 11185-2:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-3-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 3: FVT215, FVT216 — Application RIO Record Loading Control Object, Terminal RIO Record Notification Control Object (Adopted ISO/IEC ISP 11185-3:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-4-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 4: FVT 217 — Horizontal Tabulation Control Object Notification Control Object (Adopted ISO/IEC ISP 11185-4:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-5-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 5: FVT218 — Logical Image Control Object (Adopted ISO/IEC ISP 11185-5:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-6-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 6: FVT219 — Status Message Control Object (Adopted ISO/IEC ISP 11185-6:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-7-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 7: FVT2110 — Entry-Control Control Object (Adopted ISO/IEC ISP 11185-7:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-8-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 8: FVT221 — Forms FEICO (Field Entry Instruction Control Object) No.1 (Adopted ISO/IEC ISP 11185-8:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-9-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 9: FVT222 — Paged FEICO (Field Entry Instruction Control Object) No.1 (Adopted ISO/IEC ISP 11185-9:1994, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC-11185-10-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 10: FVT231 — Forms FEPCO (Field Entry Pilot Control Object) No.1 (Adopted ISO/IEC ISP 11185-10:1994, Edition 1.0)

CAN/CSA-ISO/IEC-11185-11-95 (R2008)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 11: FVT232 — Paged FEPCO (Field Entry Pilot Control Object) No.1 (Adopted ISO/IEC ISP 11185-11:1994, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11185-12-00 (R2009)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 12: FVT2116 — Generalized Telnet Synch Control Object; FVT2117 — Generalized Telnet Signal Control Object; FVT2118 — Generalized Telnet Negotiation Control Object; FVT2119 — Generalized Telnet Subnegotiation Control Object (Adopted ISO/IEC ISP 11185-12:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11185-13-00 (R2009)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 13: FVT2111 — Waiting Time Control Object (Adopted ISO/IEC ISP 11185-13:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11185-14-00 (R2009)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 14: FVT2112 — Printer Control Object (Adopted ISO/IEC ISP 11185-14:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11185-15-00 (R2009)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 15: FVT2113 — Field Definition Management Control Object (Adopted ISO/IEC ISP 11185-15:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11185-16-00 (R2009)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 16: FVT2114 — Terminal Signal Titles Control Object (Adopted ISO/IEC ISP 11185-16:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11185-17-00 (R2009)

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 17: FVT2115 — Help Text Control Object (Adopted ISO/IEC ISP 11185-17:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 11186-1-01 (R2005)

Information technology — International Standardized Profiles FVT3nn — Virtual Terminal Basic Class — Register of attribute assignment type definitions — Part 1: FVT321 — Font Assignment Type No. 1 (Adopted ISO/IEC ISP 11186-1:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11186-2-01 (R2005)

Information technology — International Standardized Profiles FVT3nn — Virtual Terminal Basic Class — Register of attribute assignment type definitions — Part 2: FVT311 — Repertoire Assignment Type for ISO/IEC 10646 (Adopted ISO/IEC ISP 11186-2:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11187-1-01 (R2005)

Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 1: Common VT Protocol Requirements (Adopted ISO/IEC ISP 11187-1:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11187-2-01 (R2005)

Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 2: Common Supporting Layers Requirements (Adopted ISO/IEC ISP 11187-2:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11187-4-00 (R2009)

Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 4: AVT23 — S-mode Paged Application Profile (Adopted ISO/IEC ISP 11187-4:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11187-5-00 (R2009)

Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 5: AVT16 — A-mode Generalized Telnet Application Profile (Adopted ISO/IEC ISP 11187-5:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11187-6-00 (R2009)

Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 6: AVT15 — A-mode Transparent Application Profile (Adopted ISO/IEC ISP 11187-6:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11188-1-00 (R2009)

Information technology — International Standardized Profile — Common upper layer requirements — Part 1: Basic connection oriented requirements (Adopted ISO/IEC ISP 11188-1:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11188-2-00 (R2009)

Information technology — International Standardized Profile — Common upper layer requirements — Part 2: Basic connection oriented requirements for ROSE-based profiles (Adopted ISO/IEC ISP 11188-2:1996, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 11188-3-00 (R2009)

Information technology — International Standardized Profile — Common upper layer requirements — Part 3: Minimal OSI upper layer facilities (Adopted ISO/IEC ISP 11188-3:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 11190-00 (R2009)

Information technology — International Standardized Profile FDI3 — Directory data definitions — FTAM Use of the Directory (Adopted ISO/IEC ISP 11190:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12059-0-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 0: Common definitions for management function profiles (Adopted ISO/IEC ISP 12059-0:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12059-1-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 1: Object management (Adopted ISO/IEC ISP 12059-1:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12059-2-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 2: State management (Adopted ISO/IEC ISP 12059-2:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12059-3-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 3: Attributes for representing relationships (Adopted ISO/IEC ISP 12059-3:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12059-4-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 4: Alarm reporting (Adopted ISO/IEC ISP 12059-4:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12059-5-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 5: Event report management (Adopted ISO/IEC ISP 12059-5:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12059-6-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 6: Log control (Adopted ISO/IEC ISP 12059-6:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12059-13-00 (R2009)

Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 13: Summarization (Adopted ISO/IEC ISP 12059-13:1996, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC-12060-1-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Management functions — Part 1: AOM211 — General management capability
(Adopted ISO/IEC ISP 12060-1:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12060-2-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Management functions — Part 2: AOM212 — Alarm reporting and state management capabilities (Adopted ISO/IEC ISP 12060-2:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12060-3-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Management functions — Part 3: AOM213 — Alarm reporting capabilities
(Adopted ISO/IEC ISP 12060-3:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12060-4-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Management functions — Part 4: AOM221 — General event report management
(Adopted ISO/IEC ISP 12060-4:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12060-5-96 (R2009)

Information technology — International Standardized Profiles — OSI Management — Management functions — Part 5: AOM231 — General log control (Adopted ISO/IEC ISP 12060-5:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12060-8-01 (R2005)

Information technology — International Standardized Profiles — OSI Management — Management functions — Part 8: AOM253x — Summarization objects (including profiles AOM2531-AOM2539) (Adopted ISO/IEC ISP 12060-8:1996, Edition 1.0)

CAN/CSA-ISO/IEC 12061-1-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 1: Introduction to the Transaction Processing Profiles (Adopted ISO/IEC ISP 12061-1:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12061-2-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 2: Support of OSI TP APDUs
(Adopted ISO/IEC ISP 12061-2:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12061-3-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 3: Support of CCR APDUs
(Adopted ISO/IEC ISP 12061-3:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC-12061-4-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 4: Support of Session, Presentation and ACSE PDUs (Adopted ISO/IEC ISP 12061-4:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12061-5-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profile: OSI Distributed Transaction Processing — Part 5: Application supported transactions — Polarized control (ATP11) (Adopted ISO/IEC ISP 12061-5:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12061-6-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 6: Application supported transactions — Shared control (ATP12) (Adopted ISO/IEC ISP 12061-6:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12061-7-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 7: Provider supported unchained transactions — Polarized control (ATP21) (Adopted ISO/IEC ISP 12061-7:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12061-8-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 8: Provider supported unchained transactions — Shared control (ATP22) (Adopted ISO/IEC ISP 12061-8:1995, Edition 1.0)

CAN/CSA-ISO/IEC-12061-9-96 (R2009)

Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 9: Provider supported chained transactions — Polarized control (ATP31) (Adopted ISO/IEC ISP 12061-9:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12064-1-00 (R2009)

Information technology — International Standardized Profile FOD112 — Open Document Format: Image Applications — Simple Document Structure — Raster Graphics content architecture — Part 1: Document Application Profile (DAP) (Adopted ISO/IEC ISP 12064-1:1995, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12068-1-01 (R2005)

Information technology — International Standardized Profile FDI 4 — Directory data definitions — Use of the Directory for OSI TP — Part 1: FDI 41 — Basic naming and addressing (Adopted ISO/IEC ISP 12068-1:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12068-2:02 (R2006)

Information technology — International Standardized Profile FDI 4 — Directory data definitions — Use of the Directory for OSI TP — Part 2: FDI 42 — Enhanced naming and addressing (Adopted ISO/IEC ISP 12068-2:1996, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC ISP 12069-1-00 (R2009)

Information technology — International Standardized Profiles ADFnn — Document Filing and Retrieval (DFR) — Part 1: Introduction to the DFR ISP (Adopted ISO/IEC ISP 12069-1:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12069-2-00 (R2008)

Information technology — International Standardized Profiles ADFnn — Document Filing and Retrieval (DFR) — Part 2: Specification of ROSE, RTSE, ACSE, Presentation and Session Protocols for use by DFR (Adopted ISO/IEC ISP 12069-2:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12069-3-00 (R2009)

Information technology — International Standardized Profiles ADFnn — Document Filing and Retrieval (DFR) — Part 3: ADF11 — Common Document Filing and Retrieval — Read Only Profile (Adopted ISO/IEC ISP 12069-3:1996, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12071-1:02 (R2006)

*Information technology — International Standardized Profile FCG-*nnn* — Computer Graphics Metafile interchange format — Part 1: FCG11 — Basic Scientific and Technical graphics (BST)* (Adopted ISO/IEC ISP 12071-1:1997, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12071-2:02 (R2006)

*Information technology — International Standardized Profile FCG-*nnn* — Computer Graphics Metafile interchange format — Part 2: FCG23 — Advanced Scientific and Technical graphics (AST)* (Adopted ISO/IEC ISP 12071-2:1997, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12071-3:02 (R2006)

*Information technology — International Standardized Profile FCG-*nnn* — Computer Graphics Metafile interchange format — Part 3: FCG32 — Basic Presentation and Visualization — Model Profile* (Adopted ISO/IEC ISP 12071-3:1997, Edition 1.0)

CAN/CSA-ISO/IEC ISP 12071-4:02 (R2006)

*Information technology — International Standardized Profile FCG-*nnn* — Computer Graphics Metafile interchange format — Part 4: FCG33 — Advanced Presentation and Visualization (APV)* (Adopted ISO/IEC ISP 12071-4:1997, Edition 1.0)

CAN/CSA-ISO/IEC-12119-95 (R2004)

Information technology — Software packages — Quality requirements and testing (Adopted ISO/IEC 12119:1994, Edition 1.0)

CAN/CSA-ISO/IEC ISP 15121-3:02 (R2006)

*Information technology — International Standardized Profile AOD1*n* — Interactive Manipulation of ODA Documents — Part 3: AOD13 — DTAM/Manipulation* (Adopted ISO/IEC ISP 15121-3:1997, Edition 1.0)

CAN/CSA-ISO/IEC 15802-1-96 (R2009)

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Common specifications — Part 1: Medium Access Control (MAC) service definition (Adopted ISO/IEC 15802-1:1995, Edition 1.0)



Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC 15802-2-00 (R2009)

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Common specifications — Part 2: LAN/MAN management (Adopted ISO/IEC 15802-2:1995, Edition 1.0)

CAN/CSA-ISO/IEC-15802-4-96 (R2009)

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Common specifications — Part 4: System load protocol (Adopted ISO/IEC 15802-4:1994, Edition 1.0)



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

A23.4-09, 5th edition

Precast Concrete — Materials and Construction

Paper.....	TBA
PDF	\$100

This standard specifies requirements for materials and methods for the manufacture, transportation, and installation of architectural, structural, and specialty precast concrete products.

This standard specifies the requirements, in addition to those specified in CAN/CSA-A23.3, for precast concrete shop drawings.

This standard deals with the structural adequacy and architectural finishes of architectural precast concrete.

O151-09, 4th edition

Canadian Softwood Plywood

Paper.....	TBA
PDF	\$80

This standard applies to exterior bond, all-veneer plywood that has a minimum of three plies and whose outermost plies have parallel grain direction.

This standard specifies requirements for the following:

- a quality system
- ply species
- materials
- panel construction
- bonding
- veneer and panel grades
- dimensions and tolerances
- marking
- testing.



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

W47.1-09, 7th edition

Certification of Companies for Fusion Welding of Steel

Paper.....	\$165
PDF	\$150

This standard provides the requirements for the certification of companies engaged in the fusion welding of steel and the qualification of their personnel and welding procedures.

The requirements of this standard are based on the principle that a certified company has full responsibility for the quality of the welded product it produces and that this responsibility cannot be transferred to its employed or retained personnel or to the administrator of this standard.

This standard stipulates requirements for the following:

- welding engineers
- welding supervisors
- tack welders, welders, and welding operators
- documentation.

Amendments

A277-08

Procedure for factory certification of buildings

Revision of Clauses 0, 1.1, 2, 3, 4.3, and A.1.1.

Modifications publiées en français

A277-08

Mode opératoire visant la certification en usine des bâtiments

Des modifications ont été apportées aux articles chapitres 0, 2 et 3 et aux articles 1.1, 4.3 et A.1.1.

Formal Interpretations

The following interpretation regarding Clause 4.2(c) of **CSA standard Z240.0.2-08** (Z240 RV Series-08, *Recreational Vehicles*), has been approved by the Technical Committee on Recreational Vehicles.

Question: Does the 12.5 m (41') overall travel trailer length include the hitch?

Answer: No.



Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
August 31, 2009	Publication of Technical Information Letter MSE-55, <i>Self-Sealing Waterless Sanitary Waste Valve for RV Use.</i>	Plumbing Products No. 201
September 11, 2009	Publication of Technical Information Letter MSE-58, providing interim certification requirements for geothermal polyethylene (PE) pipe.	Plumbing Products No. 202

Certification Notices

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

Effective Date	Subject	Title
► December 31, 2009	Publication of ASME A112.19.3-2008/ CSA B45.4-08, <i>Stainless Steel Plumbing Fixtures.</i>	Plumbing Products No. 198
► December 31, 2009	Publication of ASME A112.19.2-2008/ CSA B45.1-08, <i>Ceramic Plumbing Fixtures.</i>	Plumbing Products No. 200
► March 1, 2010	Publication of ASME A112.19.1-2008/ CSA B45.2-08, <i>Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures.</i>	Plumbing Products No. 199
June 1, 2010	Publication of CSA B137 Series-05, <i>Thermoplastic Pressure Pipe Compendium.</i>	Plumbing Products No. 193



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 0.3-09, 7th edition

Test Methods for Electrical Wires and Cables

PDF only \$200

This standard describes the apparatus, test methods, and formulas to be used in carrying out the tests and calculations required by CSA electrical wire and cable standards.

The acceptance requirements expected to be fulfilled through the testing of any particular type of wire or cable are contained in the standard relating to that type and do not constitute a part of this standard.

C22.2 No. 0.8-09, 2nd edition

Safety Functions Incorporating Electronic Technology

PDF only \$150

This standard applies to products and component devices where the electronics technology handles the operational logic, including the safety features. This standard applies to the following configurations:

- safety control function(s) implemented in hardware only
- safety control function(s) implemented in some combinations of hardware and software.

The scope of this standard includes the sensors and actuators that are associated with the safety control.

This standard applies to products where failure in either the hardware or software, or any associated devices, can lead to a hazard.

This standard prescribes minimum requirements for the documentation necessary to evaluate and confirm that the equipment meets the safety requirements as specified in this standard.

C22.2 No. 68-09, 7th edition

Motor-Operated Appliances (Household and Commercial)

PDF only \$150

This standard applies to motor-operated appliances intended for use with nominal system voltages of 600 V and less. Where appliances are driven by universal-type motors or electromagnetic mechanisms, the scope is limited to appliances rated for use on nominal system voltages of 240 V or less.

This standard applies to appliances designed to be used in accordance with the Rules of the *Canadian Electrical Code, Part I*.

This standard applies to permanently connected and cord-connected appliances for household and commercial use in non-hazardous locations.



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

C22.2 No. 68-09 (cont'd)

This standard applies to sprayers intended for extensive open spraying of cleaning fluids, paint, insecticides, and similar liquids having a flashpoint higher than 60 °C, but excluding electrostatic sprayers and sprayers for use in spray booths or in other areas where hazardous concentrations of flammable vapours are likely to be present.

C22.2 No. 126.1-09, 3rd edition

Metal Cable Tray Systems (bi-national standard with NEMA VE 1, fifth edition)

PDF only \$100

This standard specifies the requirements for metal cable trays and associated fittings designed for use in accordance with the rules of the *Canadian Electrical Code, Part I*, and the *National Electrical Code*.

C22.2 No. 127-09, 7th edition

Equipment and Lead Wires

PDF only \$175

This standard applies to insulated conductors intended for internal wiring of electrical equipment, for leads of transformers, motors, etc., and for luminous-tube signs and ignition systems, to be installed in accordance with the *Canadian Electrical Code, Part I*.

C22.2 No. 179-09, 4th edition

Airport series lighting cables

PDF only \$125

This standard applies to airport series lighting cables (Type ASLC) intended for use above and below ground in dry or wet locations in accordance with the Rules of the *Canadian Electrical Code, Part I*, at a nominal voltage of 5000 V and a maximum temperature rating of 90 °C.

This standard does not apply to cables with connectors moulded to them, including the primary leads used on transformers. These cables are covered under CSA C22.2 No. 180.

C22.2 No. 263-09, 1st edition

Fire Pump Controllers (tri-national standard with NMX-J-626-ANCE, first edition and UL 218, second edition)

PDF only \$370

This standard covers controllers intended for starting and stopping centrifugal and positive displacement fire pumps, including automatic and non-automatic types for electric motor with or without transfer switch or engine driven pumps, in accordance with NFPA 20, *Stationary Pumps for Fire Protection*.

Types of controllers covered include diesel engine, electric motor, limited service, high voltage, and residential. Controllers may be suitable for use as service equipment. This equipment is for installation in non-hazardous locations in accordance with the *Canadian Electrical Code, Part I*.

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

SPE-1000-09, 3rd edition

Model Code for the Field Evaluation of Electrical Equipment

PDF only \$125

This model code addresses the essential construction, marking, and test requirements that equipment must meet before it can be labelled. It allows for the evaluation of electrical equipment and products, with the objective of minimizing the risk of degrading the safety of the equipment through the procedures used in the field evaluation. Where the required tests involve procedures deemed to present a risk to the safety of the particular equipment, such tests may be carried out on a separate representative sample supplied for the sole purpose of testing. Alternatively, other means may be taken to determine conformance, such as the evaluation of relevant test data presented in support of an application for field evaluation.

Field evaluation of equipment in accordance with this model code should be undertaken only by fully qualified and competent persons. These persons should be experienced in conducting field evaluation and field testing of electrical and electronic equipment to Canadian safety requirements or other requirements acceptable to the authority having jurisdiction (AHJ).

Because field evaluation of electrical equipment and products is conducted to the requirements of this model code, it is not equivalent to an evaluation in support of certification, which is conducted to the requirements of the applicable standard. Consequently, equipment and products that are field evaluated and labelled cannot be considered as certified.

When used in conjunction with the requirements of the *Canadian Electrical Code, Part I*, this model code addresses the minimum requirements for equipment as they pertain to electrical safety. Where other authorities have jurisdiction, they must be consulted by the equipment owner or the owner’s agent as to conformance to legislation. This legislation may be either federal, provincial, or municipal.

The requirements of this model code have been accepted by the AHJs.

Amendments

C22.2 No. 96-09

Portable Power Cables

Revision of Clauses 13.3.1(h) and 14.5.4.1 and Tables 2B and 3.

C22.2 No. 100-04 (R2009)

Motors and Generators

Revision of Clauses 2.1.1, 2.2, 4.14, 4.15.2.1, 11.2.8.2.5, 11.3.1, 11.3.2, 12.3.3, 12.3.4.1, and 12.3.4.2 and Annex B. Addition of Clause 11.2.9 and Annex C.

CAN/CSA-C22.2 No. 223-M91 (R2008)

Power Supplies with Extra-Low-Voltage Class 2 Outputs

Addition of Clause 4.1.6. Deletion of Clause 4.5.2.4.



Modifications publiées en français

CAN/CSA-C22.2 n° 223-M91 (C2008)

Blocs d'alimentation à sorties très basse tension de classe 2

L'article 4.1.6 a été ajouté et l'article 4.5.2.4 a été abrogé.

Reaffirmed Standards

C22.2 No. 29-M1989 (R2009)

Panelboards and Enclosed Panelboards

C22.2 No. 34-M1987 (R2009)

Electrode Receptacles, Fittings and Connectors for Gas Tubes

CAN/CSA-C22.2 No. 110-94 (R2009)

Construction and Test of Electric Storage-Tank Water Heaters

CAN/CSA-E60335-2-53:05 (R2009)

Household and similar electrical appliances — Safety — Part 2-53: Particular requirements for sauna heating appliances (Adopted CEI/IEC 60335-2-53:2005, third edition, without modification)

CSA has reaffirmed its endorsement of the following IEC standard:

- **IEC 60684-2 (1997)**
Flexible insulating sleeving — Part 2: Methods of test

Endorsed Standards

IEC 60216-4-1 (2006)

Electrical insulating materials — Thermal endurance properties — Part 4-1: Ageing ovens — Single-chamber ovens

IEC 60371-3-1 (2006)

Specification for insulating materials based on mica — Part 3: Specifications for individual materials — Sheet 1: Commutator separators and materials

IEC 60426 (2007)

Electrical insulating materials — Determination of electrolytic corrosion caused by insulating materials — Test methods

IEC 60454-3-2 (2006)

Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 2: Requirements for polyester film tapes with rubber thermosetting, rubber thermoplastic or acrylic crosslinked adhesives



Endorsed Standards (cont'd)

IEC 60454-3-4 (2007)

Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 4: Cellulose paper, creped and non-creped, with rubber thermosetting adhesive

IEC 60454-3-8 (2006)

Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 8 — Woven fabric tapes with pressure-sensitive adhesive based on glass, cellulose acetate alone or combined with viscose fibre

IEC 60587 (2007)

Electrical insulating materials used under severe ambient conditions — Test methods for evaluating resistance to tracking and erosion

IEC 60641-1 (2007)

Pressboard and presspaper for electrical purposes — Part 1: Definitions and general requirements

IEC 60684-2-AM2 (2005)

Flexible insulating sleeving — Part 2: Methods of test — Amendment 2

Formal Interpretations

The following interpretation regarding Clause 4.14.5 of CSA standard C22.2 No. 165-92, *Electric Boilers*, was approved by the Technical Committee on Industrial Products.

Question: The wording in Cl. 4.14.5 implies that both the temperature regulating and the temperature limiting controls are required to disconnect all ungrounded conductors.

CSA has interpreted the intent of this clause is for only the temperature limiting control be required to disconnect ungrounded conductors during an abnormal condition. This is consistent in harmonizing with UL 834, Sec. 31.2 and 31.3 from which CSA No. 165, Cl. 4.14 was derived.

Is CSA's interpretation regarding the intent of Cl. 4.14.5 correct?

Answer: Yes.



Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
December 15, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 227.2.1-04, <i>Liquid-Tight Flexible Nonmetallic Conduit</i> (bi-national standard with UL 1660).	Conduit No. 22
December 31, 2009	Publication of Update No. 4 to CSA standard C22.2 No. 42-99, <i>General Use Receptacles, Attachment Plugs and Similar Wiring Devices</i> . Ground Fault Circuit Interrupter (GFCI) devices, combined with receptacles having tamper-resistant features, CSA-certified to the CSA standard C22.2 No. 144.1, shall comply with the new test and marking requirements in this update.	Ground Fault Circuit Interrupters No. 7
December 31, 2009	Publication of Update No. 4 to CSA standard C22.2 No. 42-99, <i>General Use Receptacles, Attachment Plugs and Similar Wiring Devices</i> .	Wiring Devices No. 56
December 31, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets</i> . (Supersedes Wiring Devices No. 37.)	Wiring Devices No. 37A
January 1, 2010	Publication of the second edition of CSA standard CAN/CSA-C681-06, <i>Performance of Self-Ballasted Compact Fluorescent lamps and Ballasted Adapters</i> .	Verification Service Announcement No. 35
January 5, 2010	Publication of CSA standard C22.2 No. 45.2-08, <i>Electrical Rigid Metal Conduit — Aluminum, Red Brass, and Stainless Steel</i> (bi-national standard with UL 6A, 2nd edition).	Conduit No. 23
► March 1, 2010	Publication of CSA standard C22.2 No. 35-09, <i>Extra-Low Voltage Control Circuit Cable, Low-Energy Control Cable, and Extra-Low-Voltage Control Cable</i> .	Wire and Cable No. 149
March 10, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 243-01, <i>Vacuum Cleaners, Blower Cleaners and Household Floor Finishing Machines</i> (bi-national standard with UL 1017).	Vacuum Cleaners and Blower Cleaners No. 9

Certification Notices (cont'd)

Effective Date	Subject	Title
March 31, 2010	Publication of Amendments to UL 1059, <i>Terminal Blocks</i> . (Supersedes Wiring Devices No. 40.)	Wiring Devices No. 40A
April 1, 2010	Publication of CSA standard C22.2 No. 250.7-07, <i>Extra-low-voltage Landscape Lighting Systems</i> . (Supersedes Lighting Products No. 34.)	Lighting Products No. 52
May 3, 2010	Publication of CSA standard C22.2 No. 96-09, <i>Portable Power Cables</i> .	Wire and Cable No. 147
May 31, 2010	Transfer of existing certifications of shielded and concentric neutral power cables to CSA standard C68.5-05, <i>Primary Shielded and Concentric Neutral Cable for Distribution Utilities</i> .	Wire and Cable No. 142
May 31, 2010	Publication of CSA standard C68.10-08, <i>Shielded Power Cable for Commercial and Industrial Applications, 5-46 KV</i> .	Wire and Cable No. 139
May 31, 2010	Extension of effective date for CSA standard CAN/CSA-C22.2 No. 42.1-00, <i>Cover Plates for Flush-Mounted Wiring Devices</i> (bi-national standard with UL 514D).	Wiring Devices No. 39A
June 1, 2010	Publication of CSA standards CAN/CSA-C22.2 No. 60745-1-04 and CAN/CSA-C22.2 No. 60745-2-04 (bi-national standards with UL 60745-1 and associated Part 2 series standards).	Electrical Tools No. 15
July 1, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 62.1-03, <i>Nonmetallic Surface Raceways and Fittings</i> (bi-national standard with UL5A).	Raceways and Fittings No. 7
▶ July 30, 2010	Publication of CSA standard C22.2 No. 2515-09, <i>Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings</i> (bi-national standard, with UL 2515). (Supersedes Conduit No. 7.)	Conduit No. 24
▶ July 30, 2010	Publication of CSA standard C22.2 No. 2420-09, <i>Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings</i> (bi-national standard, with UL 2420). (Supersedes Conduit No. 7.)	Conduit No. 25
July 31, 2010	Publication of CSA standard CAN/CSA-C22.2 No. 71.2-2008, <i>Electric Bench Tools</i> .	Electric Tools No. 22

**Certification Notices (cont'd)**

Effective Date	Subject	Title
September 17, 2010 (existing certifications)	Publication of CSA standard C22.2 No. 250.0-08, <i>Luminaires</i> (bi-national standard with UL 1598, 3rd edition). (Supersedes Lighting Products No. 35, 35A, and 47.)	Lighting Products No. 53
December 1, 2010	Publication of CSA standard CAN/CSA-C22.2 No. 60950-1-07 (bi-national standard with UL 60950-1).	Information Technology and Electrical Business Equipment No. 16
December 15, 2010	Publication of the CSA standard C22.2 No. 43-08, <i>Lampholders</i> (bi-national standard with UL 496).	Wiring Devices No. 58
February 28, 2011	Publication of CSA standard C22.2 No. 52-09, <i>Underground Secondary and Service-Entrance Cables</i> .	Wire and Cable No. 143
▶ May 31, 2011	Transfer of existing certifications of shielded and concentric neutral power cables to CSA standard C68.5-07, <i>Primary Shielded and Concentric Neutral Cable for Distribution Utilities</i> . (Supersedes Wire and Cable No. 142 and supplements Wire and Cable No. 136.)	Wire and Cable No. 142A
▶ May 31, 2011	Extension of effective date for certification of shielded power cables to CSA standard C68.10, <i>Shielded Power Cable for Commercial and Industrial Applications, 5-46 kV</i> .	Wire and Cable No. 150
January 1, 2012	Publication of CSA standard CAN/CSA-E61131-2:06, <i>Programmable controllers — Part 2: Equipment requirements and tests</i> (Adopted IEC 61131-2:2003, second edition, with Canadian deviations).	Programmable Controllers No. 1
May 1, 2012	Publication of bi-national standard CSA C22.2 No. 66-06 Series and UL 5085 Series, <i>Low Voltage Transformers</i> .	Transformers No. 6
▶ July 31, 2012	Publication of CSA standard C22.2 No. 236-05, <i>Heating and Cooling Equipment</i> (bi-national standard with UL 1995).	Gas Products No. 201

Certification Notices (cont'd)

Effective Date	Subject	Title
▶ October 31, 2012	Publication of CSA standard CAN/CSA-C22.2 No. 60745-1-07, <i>Hand-Held Motor-Operated Electric Tools — Safety — Part 1: General Requirements</i> (bi-national standard, with UL 60745-1), and associated Part 2 standards. (Supersedes Electrical Tools Nos. 6, 15, 16, 16A, and 19.)	Electrical Tools No. 23
August 21, 2016	Publication of CSA standard CAN/CSA-C22.2 No. 60335-2-24-06, <i>Safety Requirements for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice Cream Appliances and Ice Makers</i> (tri-national standard with UL 60335-2-24 and NMX-J-521/2-24-ANCE-2006. Adopted IEC 60335-2-24:2002, sixth edition, with national deviations).	Household Refrigerators and Freezers No. 3



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B139-09, 8th edition

Installation Code for Oil-Burning Equipment

Paper.....	\$110
PDF	\$110

This code applies to the installation of appliances, equipment, components, and accessories where oil is used for fuel purposes in applications that include the following:

- space heating
- service water heating
- power generation
- process application.

This code provides minimum requirements for installing or altering all stationary and portable oil-burning equipment, including the following:

- furnaces
- process furnaces
- boilers
- water heaters
- vehicle heaters
- construction heaters
- internal combustion engines when used for power applications in buildings.

This code provides minimum requirements for installing or altering ancillary equipment, including the following:

- piping and tubing systems supplying fuel- oil-burning equipment
- pumps
- control devices
- venting systems
- accessories
- heat distribution systems that affect the proper operation of the oil-burning equipment
- central oil distribution systems
- above-ground storage tanks that have a maximum individual capacity of 2500 L (550 gal) and a maximum aggregate capacity of 5000 L (1100 gal).



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

C743-09, 3rd edition

Performance Standard for Rating Packaged Water Chillers

PDF only \$80

This standard applies to factory-designed and prefabricated vapour-compression chillers that include one or more hermetic or external drive compressors.

The following compressor types are covered under this standard:

- centrifugal
- screw
- scroll
- reciprocating
- other types.

The following condenser types are covered under this standard:

- water-cooled
- air-cooled/evaporatively cooled
- air- or water-cooled heat reclaim.

Packages can also be supplied without a condenser.

This standard applies to the following:

- factory-designed and prefabricated water-cooled absorption chiller/heater units
- units that are single-effect indirect-fired by steam or hot water, or double-effect, both indirect-fired by steam or hot water and direct-fired by oil, natural gas, liquefied petroleum (LP) gas (water is the refrigerant and lithium bromide is the absorbent)
- positive displacement chillers using fluids with secondary coolants (glycol or brine) for freeze protection and leaving brine temperatures greater than 0 °C (32°F).

C867.2-09, 1st edition

Performance of Decorative Light Strings

PDF only \$100

This standard specifies the performance characteristics for decorative light strings in the form of integrated, moulded, and replaceable lamps.

This standard specifies minimum performance requirements for decorative light strings for evaluating the following:

- safety
- input power
- over-voltage
- lifetime requirements.

This standard specifies tests to assess the energy efficiency and quality of decorative light strings.

This standard specifies marking requirements for decorative light strings.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

F379 Série-09, 1^{re} édition

Chauffe-eau solaires d'usage ménager intégrés (transfert de chaleur liquide-liquide)

PDF 165 \$

- **F379.1-09**, *Chauffe-eau solaires d'usage ménager intégrés (transfert de chaleur liquide-liquide) pour usage continu*. Cette norme porte sur les performances, la durabilité et la sécurité des chauffe-eau solaires d'usage ménager (CESUM) intégrés, à transfert de chaleur liquide-liquide, qui font appel à des milieux liquides de stockage thermiques et qui sont conçus pour un usage continu.

Cette norme énonce des exigences visant les chauffe-eau intégrés assemblés en usine et les chauffe-eau intégrés d'appoint.

Cette norme vise les éléments et le matériel fournis par le fabricant, les instructions d'assemblage et d'installation et le fonctionnement du système, une fois assemblé selon ces instructions. Elle ne porte pas sur la préparation de l'emplacement ni sur le mode opératoire d'installation.

- **F379.2-09**, *Chauffe-eau solaires d'usage ménager intégrés et saisonniers*. Cette norme porte sur les performances, la durabilité et la sécurité des chauffe-eau solaires d'usage ménager intégrés et saisonniers (CESUMS) qui ne sont pas conçus pour fonctionner en conditions de gel. Ces systèmes sont protégés manuellement contre le gel (p. ex., vidange complète) avec ou sans l'aide d'un dispositif offrant une protection limitée contre le gel.

Cette norme s'applique aux chauffe-eau qui fournissent la totalité, ou une partie importante de l'eau chaude produite par l'énergie solaire, utilisée dans les petits bâtiments, notamment les résidences secondaires, au cours de la saison.

N285.5-08, 3^e édition

Inspection périodique des composants de confinement des centrales nucléaires CANDU

Papier..... 165 \$

PDF 150 \$

Cette norme énonce les exigences relatives à l'inspection périodique des composants des systèmes de confinement, y compris les systèmes de suppression de la pression dans l'enveloppe de confinement, des centrales nucléaires CANDU.

Cette norme établit les exigences d'inspection en ce qui a trait à l'assurance de l'intégrité structurale des composants métalliques et en plastique du système de confinement.

Cette norme énonce des exigences visant

- a) l'inspection ;
- b) l'accessibilité ;
- c) les méthodes et les procédures d'inspection ;
- d) la qualification du personnel ;
- e) les critères d'inspection ;
- f) l'élaboration d'un programme d'inspection ;
- g) la fréquence des inspections ;
- h) l'évaluation des résultats d'inspection ;

**Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)****N285.5-08 (suite)**

- i) les mesures à prendre en cas de défektivité ;
- j) les réparations ;
- k) la documentation ; et
- l) les dossiers d'inspection.

N290.6-09, 2^e édition

Exigences relatives à la surveillance et à l'affichage des fonctions de sûreté d'une centrale nucléaire au moment d'un accident

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

Cette norme énonce les exigences relatives à la conception, à la mise à l'essai, à l'installation et à la qualification du matériel servant à l'affichage des fonctions de sûreté d'une centrale nucléaire au moment d'un accident.

Cette norme s'applique aux centrales existantes, aux centrales dont la durée de vie a été prolongée et aux nouvelles centrales.

Cette norme s'applique à l'équipement qui permet à l'opérateur de

- a) surveiller à court et à long terme les fonctions de sûreté d'une centrale après un accident ; et
- b) déterminer le moment où la situation justifie le déclenchement des mesures d'urgence hors site.

Dans les centrales nucléaires, certaines mesures de protection (p. ex., le déclenchement du réacteur, le refroidissement d'urgence du coeur et l'isolement de l'enceinte de confinement) sont conçues de façon à être exécutées automatiquement en cas d'accident. Cette norme ne traite pas de la surveillance des systèmes qui appliquent ces mesures.

Amendments

CAN/CSA-C448 Series-02

Design and Installation of Earth Energy Systems

The following revisions have been made to the series:

- **CAN/CSA C448 Series-02:** Revision of the Table of Contents. Addition of Technical Committee and Subcommittee (membership at the time of formal approval of Update No. 2)
- **C448.1-02:** Revision of Clauses 1.1, 1.2, 1.4, 2, 3, 5.1.2, 5.2.1, 5.2.2, 5.3.5, 5.4.1, 5.4.2, 5.5.2, 5.6.2, 6.1.1, 6.1.2, 7.1.1, 7.1.2, 7.1.3, 7.1.5, 7.1.6, 8.1.3, 8.1.7, 9.2, 9.3, 9.4, 12.11, 12.12, and A.2 and Table 1. Addition of Clauses 4.4, 4.5, and 5.6.3.
- **C448.2-02:** Revision of Clauses 1.1, 1.2, 1.4, 4.1, 4.2, 4.4, 4.7, 5.2, 5.3.3, 5.3.5, 5.4, 5.5, 5.6, 6.1.2, 7.1.1, 7.1.3, 7.2.1, 7.2.2, 7.2.5, 8.1.2, 8.1.4, 9.1, 9.2, 9.3, 9.4, 10.3, 10.4, 11.2, 12.20.2, C2.5, C2.6, and C2.7. Addition of Clause 1.6.
- **C448.3-02:** Revision of Clauses 1.4, 7.2.2, and 7.2.5. Addition of Clause 5.6.3.

Amendments (cont'd)**N290.13-05***Environmental Qualification of Equipment for CANDU Nuclear Power Plants*

Revision of the Table of Contents and Clauses 1.1, 4.4.3.1, 4.6, 6.2, and B.1.

Reaffirmed Standards

CAN/CSA-F382-M89 (R2009)*Characterization of Storage Batteries for Photovoltaic Systems*

Withdrawn Standards

CAN3-N288.3.2-M85 (R2008)*High Efficiency Aircleaning Assemblies for Normal Operation of Nuclear Facilities*

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
August 24, 2009	Clarification of energy efficiency test procedures for household refrigerators, refrigerator-freezers, freezers, and wine chillers to CSA standard C300-08, <i>Energy Performance and Capacity of Household Refrigerators, Refrigerator-Freezers, Freezers and Wine Chillers</i> .	Verification Service Announcement No. 40
August 25, 2009	Announcing a new energy efficiency verification service to CSA standard C815-09, <i>Energy Performance of Drinking Water Coolers</i> .	Verification Service Announcement No. 39



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO 14020-99 (R2009)

Environmental labels and declarations — General principles

(Adopted ISO 14020:1998, first edition, without modification)

CAN/CSA-ISO 14024-99 (R2009)

Environmental labels and declarations — Type I environmental labelling — Principles and procedures (Adopted ISO 14024:1999, first edition, without modification)

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
August 19, 2009	Publication of ANSI Z21.69-2009/CSA 6.16-2009, <i>Connectors for Movable Gas Appliances</i> .	Gas Products No. 185
September 24, 2009	Publication of ANSI Z83.19/CSA 2.35-2009, <i>Gas-Fired High Intensity Infrared Heaters</i> . The revisions in this standard supersede any corresponding provisions in ANSI Z83.19-2001/CSA 2.35-2001, ANSI Z83.19a-2002/CSA 2.35a-2002, and ANSI Z83.19b-2007/CSA 2.35b-2007.	Gas Products No. 200

Certification Notices

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

Effective Date	Subject	Title
December 1, 2009	Publication of addenda ANSI Z21.89a-2008/CSA 1.18a-2008, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.89-2007/CSA 1.18-2007.	Gas Products No. 183
December 1, 2009	Publication of CSA standard CAN/CSA-C22.2 No. 62282-2:07, <i>Fuel cell technologies — Part 2: Fuel cell modules</i> (adopted CEI/IEC 62282-2:2004, first edition, with Canadian deviations).	Gas Products No. 178
December 1, 2009	Publication of addenda ANSI Z21.58a/CSA 1.6a-2008, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.58-2007/CSA 1.6-2007.	Gas Products No. 177
December 1, 2009	Publication of addenda ANSI Z83.18b-2008, <i>Re-circulating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.18-2004 and Z83.18a-2005.	Gas Products No. 167

**Certification Notices (cont'd)**

Effective Date	Subject	Title
▶ February 1, 2010	Compliance with Section 1.16.2, <i>Ignition Systems on Oven Burners</i> of ANSI Z21.1-2005, <i>Household Cooking Gas Appliances</i> .	Gas Products No. 197
August 1, 2010	Publication of standard ANSI LC7-2009, <i>Pipe Joint Sealing Compounds and Materials</i> .	Gas Products No. 186
August 1, 2010	Publication of addenda ANSI Z21.50b-2009/CSA 2.22b-2009, <i>Vented Gas Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.50-2007/CSA 2.22-2007 and ANSI Z21.50a-2008/CSA 2.22a-2008.	Gas Products No. 189
August 1, 2010	Publication of addenda ANSI Z83.11b-2009/CSA 1.8b-2009, <i>Gas Food Service Equipment</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.11-2006/CSA 1.8-2006 and ANSI Z83.11a-2007/CSA 1.8a-2007.	Gas Products No. 190
August 1, 2010	Publication of CSA standard P.4.1-09, <i>Testing Method for Measuring Annual Fireplace Efficiency</i> .	Gas Products No. 193
August 1, 2010	Publication of standard ANSI Z21.88/CSA 2.33-2009, <i>Vented Gas Fireplace Heaters</i> .	Gas Products No. 194
▶ December 1, 2010	Publication of addenda ANSI Z83.8a-2009/CSA 2.6a-2009, <i>Gas Unit Heaters and Gas-Fired Duct Furnaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z83.8-2006/CSA 2.6-2006.	Gas Products No. 199
▶ July 31, 2012	Publication of CSA standard C22.2 No. 236-05, <i>Heating and Cooling Equipment</i> (bi-national standard with UL 1995).	Gas Products No. 201



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B352.0-09, 2nd edition

Roll-Over Protective Structures (ROPS), Falling Object Protective Structures (FOPS), Operator Protective Structures (OPS), and Tip-Over Protective Structures (TOPS) for Mobile Machinery — General Canadian Requirements

PDF only \$60

This standard is the Canadian companion document to a series of 11 International Standards that have been adopted or referenced to replace the B352 series of standards on ROPS. This series of adopted and referenced standards (referenced as the ROPS/FOPS/OPS/TOPS series) represents the latest thinking, as well as providing international consensus, in operator protection for agricultural tractors, mobile earthmoving machines, construction equipment, mobile mining machines, and mobile forestry machines.

The adoption and referencing of the ROPS/FOPS/OPS/TOPS series is both in the interests of international standards harmonization and for the purpose of increasing the scope of operator protection to include FOPS, OPS, and TOPS.

The ROPS/FOPS/OPS/TOPS series details the design, testing, performance, and safety requirements for ROPS, FOPS, OPS, and TOPS for certain types of self-propelled machines for agricultural, construction, earthmoving, forestry, industrial, and mining operations, as follows:

- The performance requirements, based on destructive testing, for ROPS and FOPS on wheeled or tracked agricultural tractors with a mass greater than 600 kg and with a rear wheel track width greater than 1150 mm are specified in CAN/CSA-M3463, and CAN/CSA-M5700.
- The performance requirements, based on destructive testing, for ROPS on narrow-track wheeled agricultural tractors with a mass from 600 kg to 3000 kg, with ground clearance less than 600 mm and with a wheel track width less than 1150 mm, are specified in CAN/CSA-M12003-1, and CAN/CSA-M12003-2.
- The performance requirements, based on destructive testing, for ROPS and FOPS on industrial tractors, motor graders, prime movers, tracked dozers, tracked loaders, wheeled dozers, wheeled loaders, backhoe loaders, rigid frame dumpers, compactors, and rollers with machine mass greater than 700 kg are specified in CAN/CSA-M3471, and ISO 3449.
- The performance requirements, based on destructive testing, for ROPS, FOPS, and OPS on self-propelled, wheeled, and tracked forestry machines, including forwarders, skidders, feller-bunchers, processors, harvesters and loaders, are specified in CAN/CSA-M8082, ISO 8083, and ISO 8084.
- The performance requirements, based on destructive testing, for TOPS on swing boom compact excavators with a mass from 1000 kg to 6000 kg and for specialized FOPS and OPS on these machines are specified in CAN/CSA-M12117, and ISO 10262.



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

Z275.3-09, 3rd edition

Occupational Safety Code for Work in Compressed Air Environments

Paper.....	TBA
PDF only	\$70

This standard applies to all work in compressed air environments at pressures above 20 kPa (3 psig) and sets forth requirements for the health and safety of workers exposed to these environments.

This standard applies to every shaft, tunnel, caisson, enclosure, and similar type of work site in which a worker is, or is likely to be, subjected to working in compressed air.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

B625-08, 1^{re} édition

Citernes mobiles pour le transport des marchandises dangereuses

Papier.....	110 \$
PDF	100 \$

Cette norme s'applique à la conception et à la fabrication des citernes mobiles normalisées UN et à leur agrément par l'autorité compétente du Canada. Ces citernes mobiles normalisées UN doivent avoir une capacité supérieure à 450 L et peuvent satisfaire ou non à la définition du terme «conteneur» selon la *Convention internationale sur la sécurité des conteneurs de 1972*, telle que modifiée.

Cette norme s'applique également à la sélection, à l'utilisation, à l'inspection, à la mise à l'essai et à la réparation des citernes mobiles normalisées UN, des citernes mobiles IMO de type 1, 2, 5 et 7 ainsi que des citernes mobiles IM 101 et IM 102 destinées à la manutention, à la demande de transport ou au transport de marchandises dangereuses au Canada, qu'elles satisfassent ou non à la définition du terme «conteneur» selon la *Convention internationale sur la sécurité des conteneurs de 1972*, telle que modifiée.

Z94.3.1-09, 2^e édition

Sélection, utilisation et entretien des lunettes de protection

Papier.....	45 \$
PDF	40 \$

Le but de ce guide de l'utilisateur est d'aider à choisir un protecteur qui conviendra à l'activité dangereuse en cause. Cette norme n'énumère pas tous les dangers possibles.

Amendments

Z94.3-07

Eye and Face Protectors

Revision of Clauses 2, 12.2.1.1, 12.11, and 12.13.

Amendments (cont'd)

CAN/CSA-Z15883-1-09

Washer-disinfectors — Part 1: General requirements, terms and definitions and tests
(Adopted ISO 15883-1:2006, first edition, with Canadian deviations)

Revision of the Canadian deviation to Table B.1.

Modifications publiées en français

CAN/CSA-Z15883-1-09

Laveurs désinfecteurs — Partie 1: Exigences générales, termes et définitions et essais
(Norme ISO 15883-1:2006, première édition, adoptée avec exigences propres au Canada)

Modification des exigences propres au Canada au tableau B.1.

Reaffirmed Standards

Z32-04 (R2009)

Electrical Safety and Essential Electrical Systems in Health Care Facilities

Withdrawn Standards

CAN/CSA-Z305.6-92 (R2007)

Medical Oxygen Concentrator Central Supply System: For Use with Nonflammable Medical Gas Piping Systems

Certification and Testing (CSA International)

Certification Notices

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

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



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO 10002:04 (R2009)

Quality management — Customer satisfaction — Guidelines for complaints handling in organizations (Adopted ISO 10002:2004, first edition, without modification)

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

PLUS 9001, 4^e édition

Principes essentiels de l'ISO 9000 : Guide pratique pour l'application des normes de la famille ISO 9000

Papier.....	135 \$
PDF	120 \$

La famille de normes ISO 9000 a été élaborée pour aider les organismes de tous types et de toutes tailles à mettre en œuvre et appliquer un système de gestion de la qualité efficace.

Elle comporte quatre normes de base :

- L'ISO 9000:2005, *Systèmes de management de la qualité — Principes essentiels et vocabulaire*, décrit les principes essentiels d'un SGQ et définit le vocabulaire associé à un SGQ.
- L'ISO 9001:2008 définit les exigences d'un SGQ auxquelles doit se conformer un organisme qui doit démontrer son aptitude à fournir des produits qui satisfont aux exigences du client, ainsi qu'aux exigences réglementaires pertinentes, et à augmenter le niveau de satisfaction du client.
- L'ISO 9004:2000, *Systèmes de management de la qualité — Lignes directrices pour l'amélioration des performances*, énonce des lignes directrices visant l'efficacité et l'efficience du SGQ. Le but de cette norme est d'améliorer les performances de l'organisme ainsi que la satisfaction des clients et des autres parties intéressées.
- L'ISO 19011:2002, *Lignes directrices pour l'audit des systèmes de management de la qualité et/ou de management environnemental* fournit des lignes directrices relatives à l'audit des systèmes de gestion de la qualité et de l'environnement et a été élaborée par les Comités techniques 176 et 207 de l'ISO. Le Comité technique 207 est responsable de la famille de normes ISO 14000 sur la gestion de l'environnement.

Ces quatre normes ISO constituent un ensemble cohérent de normes visant les SGQ qui favorisent la compréhension mutuelle à l'occasion d'échanges commerciaux nationaux et internationaux.



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