



**CANADIAN STANDARDS
ASSOCIATION**

INFO UPDATE

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Canadian Standards Association

Making Standards Work for People and Business

The **Canadian Standards Association** has been a leader in standards development since 1919. Accredited by the Standards Council of Canada, we have published over 2000 standards for the safety, design and performance of a wide range of products and services. Many of our standards are cited in legislation at federal, provincial, state and municipal levels across North America. Many are internationally or regionally harmonized. All of our standards are the result of the knowledge and expertise of our members who develop the standards.

Our 9,000+ members are at the heart of the CSA process for the development of standards. They come from all walks of life and include scientists, academics, environmentalists and technicians. They represent government, industry, labour and consumers. All CSA standards are developed following principles of consensus, so that all viewpoints receive a fair hearing with no one interest group dominating.

There are two different types of membership; volunteer committee membership and sustaining membership. Our committee members contribute time and expertise to the process of standards development, and our sustaining members support this work through the payment of annual dues.

CSA is funded through the sale of information products, membership, and from interested stakeholders.

At the Canadian Standards Association, we know the power of standards to effect change and are committed to making standards work for people and business.

For more than 80 years, the Canadian Standards Association has developed standards to create a better, safer world – and we will continue to touch people's lives in positive ways for many years to come.

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About this publication

Info Update is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, and standards under development. 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/KeepMeInformed.asp>.

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 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 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 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 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://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

▼ Notice of Intent

CSA intends to begin work on the projects listed in this section. These projects include the development of new standards and editions (including adoptions), and endorsements. If you have relevant expertise and would like to contribute time, comments, or are able to support the development financially, please contact the person listed for that item.

▼ Drafts for Public Review

Drafts of new standards, new editions, and amendments (including adoptions), and endorsements are available for public review before the technical committee approves the technical content. The comment period is normally 60 days from the date of each issue of *Info Update*. Please return your comments as quickly as possible, so that we can pass them on to the appropriate committee for review. To request copies or offer comments, contact the person noted for that draft. If you would like to comment on a standard that is being proposed for endorsement or adoption, you can obtain a copy from the originating organization for a fee.

Please note: For an additional listing of drafts available for Public Review, visit the online Public Review section at www.csa.ca.

After the expiry date for public comments, you can buy most public review drafts, up until the approval stage. Please call Standards Sales at 416-747-4044 or 1-800-463-6727 for pricing, or email your request to sales@csa.ca. *Please note:* Drafts are works in progress and have no official status. They are not a substitute for the final, approved standards and amendments. Drafts must not be used as an authoritative source.

▼ Proposed Reaffirmation of Standards

Standards listed in this section are being reviewed to determine if they remain technically valid and current. If you have any comments, send them to the contact person noted within 30 days of the date of this issue of *Info Update*. Your comments will be passed on to the appropriate committee for consideration. Although the proposal is to Reaffirm these standards, the result of the review may be to Withdraw them. Action taken will be announced in a future issue of *Info Update*.

▼ Proposed Withdrawal of Standards

These documents are being considered for withdrawal. If you have any questions or concerns about this, contact the person noted within 30 days of the date of this issue of *Info Update*. Although the proposal is to Withdraw these standards, the result of the review may be to Reaffirm them. Action taken will be announced in a future issue of *Info Update*.

▼ **Status of Standards Projects**

The project status report was formerly published quarterly in *Info Update*. Beginning with the February 2003 issue of *Info Update* this information will be available on our web site, independent of Info Update. To view or download visit <http://www.csa.ca/standards/default.asp?load=report&language=English>. This report lists projects that CSA committees are currently working on. Standards listed in this report are not yet available for sale.

Certification and Testing (CSA International)

▼ **Informs Notices (Bulletins from CSA International)**

An *Informs* is a notice containing information only. It does not contain anything that would require you to resubmit products for certification. If you would like a copy of an *Informs* notice, call CSA International at 416-747-4171, or fax 416-747-2476.

▼ **Certification Notices**

Certification notices inform you about changes that would require a product to be resubmitted for certification or about critical factors that may affect a product's certification. Products must comply with the changed requirements by the effective dates given.

CSA certification and testing clients receive these notices automatically. If you did not receive a copy or would like to receive one, call CSA International at 416-747-4171, or fax 416-747-2476.



Communications/Information

[CAN/CSA-ISO/IEC 7501-3:06, 2nd edition](#)

Identification cards — Machine readable travel documents — Part 3: Machine readable official travel documents (Adopted ISO/IEC 7501-3:2005)

[CAN/CSA-ISO/IEC 7816-4:06, 2nd edition](#)

Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange (Adopted ISO/IEC 7816-4:2005)

[CAN/CSA-ISO/IEC 7816-12:06, 1st edition](#)

Identification cards — Integrated circuit cards — Part 12: Cards with contacts — USB electrical interface and operating procedures (Adopted ISO/IEC 7816-12:2005)

[CAN/CSA-ISO/IEC 9798-6:06, 1st edition](#)

Information technology — Security techniques — Entity authentication — Part 6: Mechanisms using manual data transfer (Adopted ISO/IEC 9798-6:2005)

[CAN/CSA-ISO/IEC 10373-5:06, 1st edition](#)

Identification cards — Test methods — Part 5: Optical memory cards (Adopted ISO/IEC 10373-5:2006)

[CAN/CSA-ISO/IEC 11179-2:06, 2nd edition](#)

Information technology — Metadata registries (MDR) — Part 2: Classification (Adopted ISO/IEC 11179-2:2005)

[CAN/CSA-ISO/IEC 11179-5:06, 1st edition](#)

Information technology — Metadata registries (MDR) — Part 5: Naming and identification principles (Adopted ISO/IEC 11179-5:2005)

[CAN/CSA-ISO/IEC 11179-6:06, 2nd edition](#)

Information technology — Metadata registries (MDR) — Part 6: Registration (Adopted ISO/IEC 11179-6:2005)

[CAN/CSA-ISO/IEC 11693:06, 3rd edition](#)

Identification cards — Optical memory cards — General characteristics (Adopted ISO/IEC 11693:2005)

[CAN/CSA-ISO/IEC 11694-1:06, 3rd edition](#)

Identification cards — Optical memory cards — Linear recording method — Part 1: Physical characteristics (Adopted ISO/IEC 11694-1:2005)

[CAN/CSA-ISO/IEC 11694-2:06, 3rd edition](#)

Identification cards — Optical memory cards — Linear recording method — Part 2: Dimensions and location of the accessible optical area (Adopted ISO/IEC 11694-2:2005)

[CAN/CSA-ISO/IEC 11694-5:06, 1st edition](#)

Identification cards — Optical memory cards — Linear recording method — Part 5: Data format for information interchange for applications using ISO/IEC 11694-4, Annex B (Adopted ISO/IEC 11694-5:2006)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 11694-6:06, 1st edition](#)

Identification cards — Optical memory cards — Linear recording method — Part 6: Use of biometrics on an optical memory card (Adopted ISO/IEC 11694-6:2006)

[CAN/CSA-ISO/IEC TR 11802-1:06, 2nd edition](#)

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Technical reports and guidelines — Part 1: The structure and coding of Logical Link Control addresses in Local Area Networks (Adopted ISO/IEC TR 11802-1:2005)

[CAN/CSA-ISO/IEC TR 11802-2:06, 2nd edition](#)

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Technical reports and guidelines — Part 2: Standard Group MAC Addresses (Adopted ISO/IEC TR 11802-2:2005)

[CAN/CSA-ISO/IEC 13818-7:06, 4th edition](#)

Information technology — Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) (Adopted ISO/IEC 13818-7:2006)

[CAN/CSA-ISO/IEC 14165-114:06, 1st edition](#)

Information technology — Fibre Channel — Part 114: 100 MB/s balanced copper physical interface (FC-100-DF-EL-S) (Adopted ISO/IEC 14165-114:2005)

[CAN/CSA-ISO/IEC 14165-115:06, 1st edition](#)

Information technology — Fibre Channel — Part 115: Physical interfaces (FC-PI) (Adopted ISO/IEC 14165-115:2006)

[CAN/CSA-ISO/IEC 14165-116:06, 1st edition](#)

Information technology — Fibre Channel — Part 116: 10 Gigabit Fibre Channel (10GFC) (Adopted ISO/IEC 14165-116:2005)

[CAN/CSA-ISO/IEC 14165-122:06, 1st edition](#)

Information technology — Fibre Channel — Part 122: Arbitrated loop-2 (FC-AL-2) (Adopted ISO/IEC 14165-122:2005)

[CAN/CSA-ISO/IEC 14165-222:06, 1st edition](#)

Information technology — Fibre Channel — Part 222: Single-byte command sets-2 mapping protocol (FC-SB-2) (Adopted ISO/IEC 14165-222:2005)

[CAN/CSA-ISO/IEC 14165-241:06, 1st edition](#)

Information technology — Fibre Channel — Part 241: Backbone 2 (FC-BB-2) (Adopted ISO/IEC 14165-241:2005)

[CAN/CSA-ISO/IEC 14496-3:06, 3rd edition](#)

Information technology — Coding of audio-visual objects — Part 3: Audio (Adopted ISO/IEC 14496-3:2005)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 14496-4:06, 2nd edition](#)

Information technology — Coding of audio-visual objects — Part 4: Conformance testing (Adopted ISO/IEC 14496-4:2004, including Technical Corrigendum 1:2005 and Amendment 1:2005 [which contains Technical Corrigendum 1:2005 to the Amendment])

[CAN/CSA-ISO/IEC 14496-5:06, 2nd edition](#)

Information technology — Coding of audio-visual objects — Part 5: Reference software (Adopted ISO/IEC 14496-5:2001)

[CAN/CSA-ISO/IEC 14496-12:06, 2nd edition](#)

Information technology — Coding of audio-visual objects — Part 12: ISO base media file format (Adopted ISO/IEC 14496-12:2005, including Technical Corrigendum 1:2005 and Technical Corrigendum 2:2006)

[CAN/CSA-ISO/IEC 14776-222:06, 1st edition](#)

Information technology — Small computer system interface (SCSI) — Part 222: Fibre Channel Protocol for SCSI, Second Version (FCP-2) (Adopted ISO/IEC 14776-222:2005)

[CAN/CSA-ISO/IEC 14776-452:06, 1st edition](#)

Information technology — Small computer system interface (SCSI) — Part 452: Primary Commands-2 (SPC-2) (Adopted ISO/IEC 14776-452:2005)

[CAN/CSA-ISO/IEC 15408-1:06, 2nd edition](#)

Information technology — Security techniques — Evaluation criteria for IT security — Part 1: Introduction and general model (Adopted ISO/IEC 15408-1:2005)

[CAN/CSA-ISO/IEC 15408-2:06, 2nd edition](#)

Information technology — Security techniques — Evaluation criteria for IT security — Part 2: Security functional requirements (Adopted ISO/IEC 15408-2:2005)

[CAN/CSA-ISO/IEC 15408-3:06, 2nd edition](#)

Information technology — Security techniques — Evaluation criteria for IT security — Part 3: Security assurance requirements (Adopted ISO/IEC 15408-3:2005)

[CAN/CSA-ISO/IEC TR 15443-1:06, 1st edition](#)

Information technology — Security techniques — A framework for IT security assurance — Part 1: Overview and framework (Adopted ISO/IEC TR 15443-1:2005)

[CAN/CSA-ISO/IEC TR 15443-2:06, 1st edition](#)

Information technology — Security techniques — A framework for IT security assurance — Part 2: Assurance methods (Adopted ISO/IEC TR 15443-2:2005)

[CAN/CSA-ISO/IEC 15476-3:06, 1st edition](#)

Information technology — CDIF semantic metamodel — Part 3: Data definitions (Adopted ISO/IEC 15476-3:2006)

[CAN/CSA-ISO/IEC 15476-4:06, 1st edition](#)

Information technology — CDIF semantic metamodel — Part 4: Data models (Adopted ISO/IEC 15476-4:2005)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 15476-6:06, 1st edition](#)

Information technology — Security techniques — A framework for IT security assurance — Part 6: State/event models (Adopted ISO/IEC 15476-6:2006)

[CAN/CSA-ISO/IEC 16512-1:06, 1st edition](#)

Information technology — Relayed Multicast Control Protocol (RMCP) — Part 1: Framework (Adopted ISO/IEC 16512-1:2005)

[CAN/CSA-ISO/IEC 16513:06, 1st edition](#)

Information technology — Group management protocol (Adopted ISO/IEC 16513:2005)

[CAN/CSA-ISO/IEC 18013-1:06, 1st edition](#)

Information technology — Personal identification — ISO-compliant driving licence — Part 1: Physical characteristics and basic data set (Adopted ISO/IEC 18013-1:2005)

[CAN/CSA-ISO/IEC 18028-1:06, 1st edition](#)

Information technology — Security techniques — IT network security — Part 1: Network security management (Adopted ISO/IEC 18028-1:2006)

[CAN/CSA-ISO/IEC 18028-2:06, 1st edition](#)

Information technology — Security techniques — IT network security — Part 2: Network security architecture (Adopted ISO/IEC 18028-2:2006)

[CAN/CSA-ISO/IEC 18028-3:06, 1st edition](#)

Information technology — Security techniques — IT network security — Part 3: Securing communications between networks using security gateways (Adopted ISO/IEC 18028-3:2005)

[CAN/CSA-ISO/IEC 18028-4:06, 1st edition](#)

Information technology — Security techniques — IT network security — Part 4: Securing remote access (Adopted ISO/IEC 18028-4:2005)

[CAN/CSA-ISO/IEC 18028-5:06, 1st edition](#)

Information technology — Security techniques — IT network security — Part 5: Securing communications across networks using virtual private networks (Adopted ISO/IEC 18028-5:2006)

[CAN/CSA-ISO/IEC 18031:06, 1st edition](#)

Information technology — Security techniques — Random bit generation (Adopted ISO/IEC 18031:2005)

[CAN/CSA-ISO/IEC 18032:06, 1st edition](#)

Information technology — Security techniques — Prime number generation (Adopted ISO/IEC 18032:2005)

[CAN/CSA-ISO/IEC 18033-1:06, 1st edition](#)

Information technology — Security techniques — Encryption algorithms — Part 1: General (Adopted ISO/IEC 18033-1:2005)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 18033-2:06, 1st edition](#)

Information technology — Security techniques — Encryption algorithms — Part 2: Asymmetric ciphers (Adopted ISO/IEC 18033-2:2006)

[CAN/CSA-ISO/IEC 18033-3:06, 1st edition](#)

Information technology — Security techniques — Encryption algorithms — Part 3: Block ciphers (Adopted ISO/IEC 18033-3:2005)

[CAN/CSA-ISO/IEC 18033-4:06, 1st edition](#)

Information technology — Security techniques — Encryption algorithms — Part 4: Stream ciphers (Adopted ISO/IEC 18033-4:2005)

[CAN/CSA-ISO/IEC 18045:06, 1st edition](#)

Information technology — Security techniques — Methodology for IT security evaluation (Adopted ISO/IEC 18045:2005)

[CAN/CSA-ISO/IEC TR 18047-2:06, 1st edition](#)

Information technology — Radio frequency identification device conformance test methods — Part 2: Test methods for air interface communications below 135 kHz (Adopted ISO/IEC TR 18047-2:2006)

[CAN/CSA-ISO/IEC TR 18047-6:06, 1st edition](#)

Information technology — Radio frequency identification device conformance test methods — Part 6: Test methods for air interface communications at 860 MHz to 960 MHz (Adopted ISO/IEC TR 18047-6:2006)

[CAN/CSA-ISO/IEC TR 18047-7:06, 1st edition](#)

Information technology — Radio frequency identification device conformance test methods — Part 7: Test methods for active air interface communications at 433 MHz (Adopted ISO/IEC TR 18047-7:2005)

[CAN/CSA-ISO/IEC 18051:06, 1st edition](#)

Information technology — Telecommunications and information exchange between systems — Services for Computer Supported Telecommunications Applications (CSTA) Phase III (Adopted ISO/IEC 18051:2005)

[CAN/CSA-ISO/IEC 18056:06, 1st edition](#)

Information technology — Telecommunications and information exchange between systems — XML Protocol for Computer-Supported Telecommunications Applications (CSTA) Phase III (Adopted ISO/IEC 18056:2005)

[CAN/CSA-ISO/IEC 19501:06, 1st edition](#)

Information technology — Open Distributed Processing — Unified Modeling Language (UML) Version 1.4.2 (Adopted ISO/IEC 19501:2005)

[CAN/CSA-ISO/IEC 19502:06, 1st edition](#)

Information technology — Meta Object Facility (MOF) (Adopted ISO/IEC 19502:2005)

[CAN/CSA-ISO/IEC 19503:06, 1st edition](#)

Information technology — XML Metadata Interchange (XMI) (Adopted ISO/IEC 19503:2005)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 19757-3:06, 1st edition](#)

Information technology — Document Schema Definition Languages (DSDL) — Part 3: Rule-based validation — Schematron (Adopted ISO/IEC 19757-3:2006)

[CAN/CSA-ISO/IEC 19757-4:06, 1st edition](#)

Information technology — Document Schema Definition Languages (DSDL) — Part 4: Namespace-based Validation Dispatching Language (NVDL)
(Adopted ISO/IEC 19757-4:2006)

[CAN/CSA-ISO/IEC TR 19767:06, 1st edition](#)

Information technology — Programming languages — Fortran — Enhanced Module Facilities (Adopted ISO/IEC TR 19767:2005)

[CAN/CSA-ISO/IEC 19770-1:06, 1st edition](#)

Information technology — Software asset management — Part 1: Processes
(Adopted ISO/IEC 19770-1:2006)

[CAN/CSA-ISO/IEC 20000-1:06, 1st edition](#)

Information technology — Service management — Part 1: Specification
(Adopted ISO/IEC 20000-1:2005)

[CAN/CSA-ISO/IEC 20000-2:06, 1st edition](#)

Information technology — Service management — Part 2: Code of practice
(Adopted ISO/IEC 20000-2:2005)

[CAN/CSA-ISO/IEC TR 20943-3:06, 1st edition](#)

Information technology — Procedures for achieving metadata registry content consistency — Part 3: Value domains (Adopted ISO/IEC TR 20943-3:2004)

[CAN/CSA-ISO/IEC 21000-2:06, 2nd edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 2: Digital Item Declaration (Adopted ISO/IEC 21000-2:2005)

[CAN/CSA-ISO/IEC TR 24704:06, 1st edition](#)

Information technology — Customer premises cabling for wireless access points
(Adopted ISO/IEC TR 24704:2004)

[CAN/CSA-ISO/IEC TR 24718:06, 1st edition](#)

Information technology — Programming languages — Guide for the use of the Ada Ravenscar Profile in high integrity systems (Adopted ISO/IEC TR 24718:2005)

[CAN/CSA-ISO/IEC 24723:06, 1st edition](#)

Information technology — Automatic identification and data capture techniques — EAN.UCC Composite bar code symbology specification
(Adopted ISO/IEC 24723:2006)

[CAN/CSA-ISO/IEC 24728:06, 1st edition](#)

Information technology — Automatic identification and data capture techniques — MicroPDF417 bar code symbology specification (Adopted ISO/IEC 24728:2006)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC TR 24746:06, 1st edition](#)

Information technology — Generic cabling for customer premises — Mid-span DTE power insertion (Adopted ISO/IEC TR 24746:2005)

[CAN/CSA-ISO/IEC 27001:06, 1st edition](#)

Information technology — Security techniques — Information security management systems — Requirements (Adopted ISO/IEC 27001:2005)



Informatique et télécommunications

[CAN/CSA-ISO/CEI 16512-1:06, 1^{re} édition](#)

Technologies de l'information — Protocole de multidiffusion relayé (RMCP) — Partie 1: Cadre général (norme ISO/CEI 16512-1:2005 adoptée)

[CAN/CSA-ISO/CEI 16513:06, 1^{re} édition](#)

Technologies de l'information — Protocole de gestion de groupe (norme ISO/CEI 16513:2005 adoptée)



Construction Products and Materials

[A220 Series-06, 2nd edition](#)

Concrete Roof Tiles

[A440.4-07, 2nd edition](#)

Window, Door, and Skylight Installation



Produits et matériaux de construction

[A82-06, 1^{re} édition](#)

Brique de maçonnerie cuite en argile ou en schiste

[O122-06, 3^e édition](#)

Bois de charpente lamellé-collé

[O177-06, 5^e édition](#)

Règles de qualification des fabricants de bois de charpente lamellé-collé



Électricité et électronique

[C22.2 n° 256-05, 1^{re} édition](#)

Veilleuses à enfichage direct (norme binationale avec UL 1786, troisième édition)



Energy

[Z245.20-06, 5th edition/Z245.21-06, 4th edition](#)

External Fusion Bond Epoxy Coating for Steel Pipe / External Polyethylene Coating for Pipe

[Z341 Series-06, 2nd edition](#)

Storage of Hydrocarbons in Underground Formations



Énergie

[C802.2-06, 2^e édition](#)

Valeurs minimales de rendement pour les transformateurs à sec

[C828-06, 2^e édition](#)

Exigences relatives aux performances des thermostats de chauffage électrique individuel des locaux



Environment

[CAN/CSA-ISO 14040:06, 2nd edition](#)

Environmental management — Life cycle assessment — Principles and framework
(Adopted ISO 14040:2006, second edition, without modification)

[CAN/CSA-ISO 14044:06, 1st edition](#)

Environmental management — Life cycle assessment — Requirements and guidelines
(Adopted ISO 14044:2006, first edition, without modification)



Environnement

[CAN/CSA-ISO 14040:06, 2^e édition](#)

Management environnemental — Analyse du cycle de vie — Principes et cadre (norme ISO 14040:2006, deuxième édition, adoptée sans modifications)

[CAN/CSA-ISO 14044:06, 1^{re} édition](#)

Management environnemental — Analyse du cycle de vie — Exigences et lignes directrices
(norme ISO 14044:2006, première édition, adoptée sans modifications)



Life Sciences

[CAN/CSA-C22.2 No. 60601-2-27:06, 2nd edition \(bilingual\)](#)

Medical electrical equipment — Part 2-27: Particular requirements for the safety, including essential performance, of electrocardiographic monitoring equipment
(Adopted CEI/IEC 60601-2-27:2005, second edition, without modification)

[CAN/CSA-C22.2 No. 60601-2-33:04, 2nd edition \(bilingual\)](#)

Medical electrical equipment — Part 2-33: Particular requirements for the safety of magnetic resonance equipment for medical diagnosis (Adopted CEI/IEC 60601-2-33:2002, edition 2.1 [2006-02], including Amendment 1:2005, without modification)



Sciences de la Vie

[CAN/CSA-C22.2 n° 60601-2-27:06, 2^e édition \(bilingue\)](#)

Appareils électromédicaux — Partie 2-27: Exigences particulières de sécurité, incluant les performances essentielles, des appareils de surveillance d'électrocardiographie (norme CEI/IEC 60601-2-27:2005, deuxième édition, adoptée sans modifications)

[CAN/CSA-C22.2 n° 60601-2-33:04, 2^e édition \(bilingue\)](#)

Appareils électromédicaux — Partie 2-33: Règles particulières de sécurité relatives aux appareils à résonance magnétique utilisés pour le diagnostic médical (norme CEI/IEC 60601-2-33:2002, édition 2.1 [2006-02], comprenant l'amendement 1:2005, adoptée sans modifications)

[Z275.5-05, 1^{re} édition](#)

Formation des plongeurs professionnels

[Z305.12-06, 2^e édition](#)

Entreposage, manipulation et utilisation sans danger d'appareils portatifs d'alimentation en oxygène dans les habitations et les établissements de santé



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

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

CAN/CSA-ISO/IEC 7501-3:06, 2nd edition

Identification cards — Machine readable travel documents — Part 3: Machine readable official travel documents (Adopted ISO/IEC 7501-3:2005) \$35

CAN/CSA-ISO/IEC 7816-4:06, 2nd edition

Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange (Adopted ISO/IEC 7816-4:2005)..... \$190

CAN/CSA-ISO/IEC 7816-12:06, 1st edition

Identification cards — Integrated circuit cards — Part 12: Cards with contacts — USB electrical interface and operating procedures (Adopted ISO/IEC 7816-12:2005) \$145

CAN/CSA-ISO/IEC 9798-6:06, 1st edition

Information technology — Security techniques — Entity authentication — Part 6: Mechanisms using manual data transfer (Adopted ISO/IEC 9798-6:2005) \$100

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CAN/CSA-ISO/IEC 11179-6:06, 2nd edition

Information technology — Metadata registries (MDR) — Part 6: Registration (Adopted ISO/IEC 11179-6:2005) \$165

CAN/CSA-ISO/IEC 11693:06, 3rd edition

Identification cards — Optical memory cards — General characteristics (Adopted ISO/IEC 11693:2005) \$60



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

CAN/CSA-ISO/IEC 11694-1:06, 3rd edition

Identification cards — Optical memory cards — Linear recording method — Part 1: Physical characteristics (Adopted ISO/IEC 11694-1:2005)..... \$35

CAN/CSA-ISO/IEC 11694-2:06, 3rd edition

Identification cards — Optical memory cards — Linear recording method — Part 2: Dimensions and location of the accessible optical area (Adopted ISO/IEC 11694-2:2005) \$40

CAN/CSA-ISO/IEC 11694-5:06, 1st edition

Identification cards — Optical memory cards — Linear recording method — Part 5: Data format for information interchange for applications using ISO/IEC 11694-4, Annex B (Adopted ISO/IEC 11694-5:2006) \$85

CAN/CSA-ISO/IEC 11694-6:06, 1st edition

Identification cards — Optical memory cards — Linear recording method — Part 6: Use of biometrics on an optical memory card (Adopted ISO/IEC 11694-6:2006) \$50

CAN/CSA-ISO/IEC TR 11802-1:06, 2nd edition

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Technical reports and guidelines — Part 1: The structure and coding of Logical Link Control addresses in Local Area Networks (Adopted ISO/IEC TR 11802-1:2005) \$50

CAN/CSA-ISO/IEC TR 11802-2:06, 2nd edition

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Technical reports and guidelines — Part 2: Standard Group MAC Addresses (Adopted ISO/IEC TR 11802-2:2005) \$40

CAN/CSA-ISO/IEC 13818-7:06, 4th edition

Information technology — Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC) (Adopted ISO/IEC 13818-7:2006) \$240

CAN/CSA-ISO/IEC 14165-114:06, 1st edition

Information technology — Fibre Channel — Part 114: 100 MB/s balanced copper physical interface (FC-100-DF-EL-S) (Adopted ISO/IEC 14165-114:2005) \$85

CAN/CSA-ISO/IEC 14165-115:06, 1st edition

Information technology — Fibre Channel — Part 115: Physical interfaces (FC-PI) (Adopted ISO/IEC 14165-115:2006) \$190

CAN/CSA-ISO/IEC 14165-116:06, 1st edition

Information technology — Fibre Channel — Part 116: 10 Gigabit Fibre Channel (10GFC) (Adopted ISO/IEC 14165-116:2005) \$175



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

CAN/CSA-ISO/IEC 14165-122:06, 1st edition

Information technology — Fibre Channel — Part 122: Arbitrated loop-2 (FC-AL-2)
(Adopted ISO/IEC 14165-122:2005) \$210

CAN/CSA-ISO/IEC 14165-222:06, 1st edition

Information technology — Fibre Channel — Part 222: Single-byte command sets-2 mapping protocol (FC-SB-2) (Adopted ISO/IEC 14165-222:2005)..... \$225

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(Adopted ISO/IEC 14165-241:2005) \$200

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CAN/CSA-ISO/IEC 14496-4:06, 2nd edition

Information technology — Coding of audio-visual objects — Part 4: Conformance testing
(Adopted ISO/IEC 14496-4:2004, including Technical Corrigendum 1:2005 and Amendment 1:2005 [which contains Technical Corrigendum 1:2005 to the Amendment])..... \$280

CAN/CSA-ISO/IEC 14496-5:06, 2nd edition

Information technology — Coding of audio-visual objects — Part 5: Reference software
(Adopted ISO/IEC 14496-5:2001) \$55

CAN/CSA-ISO/IEC 14496-12:06, 2nd edition

Information technology — Coding of audio-visual objects — Part 12: ISO base media file format (Adopted ISO/IEC 14496-12:2005, including Technical Corrigendum 1:2005 and Technical Corrigendum 2:2006) \$190

CAN/CSA-ISO/IEC 14776-222:06, 1st edition

Information technology — Small computer system interface (SCSI) — Part 222: Fibre Channel Protocol for SCSI, Second Version (FCP-2) (Adopted ISO/IEC 14776-222:2005) \$210

CAN/CSA-ISO/IEC 14776-452:06, 1st edition

Information technology — Small computer system interface (SCSI) — Part 452: Primary Commands-2 (SPC-2) (Adopted ISO/IEC 14776-452:2005) \$260

CAN/CSA-ISO/IEC 15408-1:06, 2nd edition

Information technology — Security techniques — Evaluation criteria for IT security — Part 1: Introduction and general model (Adopted ISO/IEC 15408-1:2005) \$140

CAN/CSA-ISO/IEC 15408-2:06, 2nd edition

Information technology — Security techniques — Evaluation criteria for IT security — Part 2: Security functional requirements (Adopted ISO/IEC 15408-2:2005) \$250



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

CAN/CSA-ISO/IEC 15408-3:06, 2nd edition

Information technology — Security techniques — Evaluation criteria for IT security — Part 3: Security assurance requirements (Adopted ISO/IEC 15408-3:2005) \$210

CAN/CSA-ISO/IEC TR 15443-1:06, 1st edition

Information technology — Security techniques — A framework for IT security assurance — Part 1: Overview and framework (Adopted ISO/IEC TR 15443-1:2005)..... \$100

CAN/CSA-ISO/IEC TR 15443-2:06, 1st edition

Information technology — Security techniques — A framework for IT security assurance — Part 2: Assurance methods (Adopted ISO/IEC TR 15443-2:2005) \$165

CAN/CSA-ISO/IEC 15476-3:06, 1st edition

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CAN/CSA-ISO/IEC 15476-4:06, 1st edition

Information technology — CDIF semantic metamodel — Part 4: Data models (Adopted ISO/IEC 15476-4:2005) \$200

CAN/CSA-ISO/IEC 15476-6:06, 1st edition

Information technology — Security techniques — A framework for IT security assurance — Part 6: State/event models (Adopted ISO/IEC 15476-6:2006)..... \$90

CAN/CSA-ISO/IEC 16512-1:06, 1st edition

Information technology — Relayed Multicast Control Protocol (RMCP) — Part 1: Framework (Adopted ISO/IEC 16512-1:2005) \$75

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CAN/CSA-ISO/IEC 18013-1:06, 1st edition

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Information technology — Security techniques — IT network security — Part 4: Securing remote access (Adopted ISO/IEC 18028-4:2005)..... \$140

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CAN/CSA-ISO/IEC 18033-1:06, 1st edition

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CAN/CSA-ISO/IEC 18033-4:06, 1st edition

Information technology — Security techniques — Encryption algorithms — Part 4: Stream ciphers (Adopted ISO/IEC 18033-4:2005)..... \$140

CAN/CSA-ISO/IEC 18045:06, 1st edition

Information technology — Security techniques — Methodology for IT security evaluation (Adopted ISO/IEC 18045:2005) \$260

CAN/CSA-ISO/IEC TR 18047-2:06, 1st edition

Information technology — Radio frequency identification device conformance test methods — Part 2: Test methods for air interface communications below 135 kHz (Adopted ISO/IEC TR 18047-2:2006) \$115

CAN/CSA-ISO/IEC TR 18047-6:06, 1st edition

Information technology — Radio frequency identification device conformance test methods — Part 6: Test methods for air interface communications at 860 MHz to 960 MHz (Adopted ISO/IEC TR 18047-6:2006)..... \$130

**New Standards – New Editions – Special Publications (cont'd)****CAN/CSA-ISO/IEC TR 18047-7:06, 1st edition**

Information technology — Radio frequency identification device conformance test methods — Part 7: Test methods for active air interface communications at 433 MHz
(Adopted ISO/IEC TR 18047-7:2005) \$80

CAN/CSA-ISO/IEC 18051:06, 1st edition

Information technology — Telecommunications and information exchange between systems — Services for Computer Supported Telecommunications Applications (CSTA) Phase III (Adopted ISO/IEC 18051:2005) \$365

CAN/CSA-ISO/IEC 18056:06, 1st edition

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(Adopted ISO/IEC 19770-1:2006) \$110

CAN/CSA-ISO/IEC 20000-1:06, 1st edition

Information technology — Service management — Part 1: Specification
(Adopted ISO/IEC 20000-1:2005) \$85



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Information technology — Service management — Part 2: Code of practice
(Adopted ISO/IEC 20000-2:2005) \$125

CAN/CSA-ISO/IEC TR 20943-3:06, 1st edition

Information technology — Procedures for achieving metadata registry content consistency — Part 3: Value domains (Adopted ISO/IEC TR 20943-3:2004) \$125

CAN/CSA-ISO/IEC 21000-2:06, 2nd edition

Information technology — Multimedia framework (MPEG-21) — Part 2: Digital Item Declaration (Adopted ISO/IEC 21000-2:2005)..... \$190

CAN/CSA-ISO/IEC TR 24704:06, 1st edition

Information technology — Customer premises cabling for wireless access points
(Adopted ISO/IEC TR 24704:2004) \$70

CAN/CSA-ISO/IEC TR 24718:06, 1st edition

Information technology — Programming languages — Guide for the use of the Ada Ravenscar Profile in high integrity systems (Adopted ISO/IEC TR 24718:2005)..... \$175

CAN/CSA-ISO/IEC 24723:06, 1st edition

Information technology — Automatic identification and data capture techniques — EAN.UCC Composite bar code symbology specification
(Adopted ISO/IEC 24723:2006) \$140

CAN/CSA-ISO/IEC 24728:06, 1st edition

Information technology — Automatic identification and data capture techniques — MicroPDF417 bar code symbology specification (Adopted ISO/IEC 24728:2006) \$200

CAN/CSA-ISO/IEC TR 24746:06, 1st edition

Information technology — Generic cabling for customer premises — Mid-span DTE power insertion (Adopted ISO/IEC TR 24746:2005) \$35

CAN/CSA-ISO/IEC 27001:06, 1st edition

Information technology — Security techniques — Information security management systems — Requirements (Adopted ISO/IEC 27001:2005) \$125



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

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

CAN/CSA-ISO/CEI 16512-1:06, 1^{re} édition

*Technologies de l’information — Protocole de multidiffusion relayé (RMCP) —
Partie 1: Cadre général* (norme ISO/CEI 16512-1:2005 adoptée)..... 75 \$

CAN/CSA-ISO/CEI 16513:06, 1^{re} édition

Technologies de l’information — Protocole de gestion de groupe
(norme ISO/CEI 16513:2005 adoptée)..... 100 \$

Amendments

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

CAN/CSA-ISO/IEC 7776A-96

Amendment 1:2006, “Modulo 32 768 and multi-selective reject option”, to CAN/CSA-ISO/IEC-7776-96, “Information technology — Telecommunications and information exchange between systems — High-level data link control procedures — Description of the X.25 LAPB-compatible DTE data link procedures” (Adopted Amendment 1:1996 to ISO/IEC 7776:1995)..... \$115

CAN/CSA-ISO/IEC 7811-6A:02

Amendment 1:2006, “U_{i6} criteria and test method”, to CAN/CSA-ISO/IEC 7811-6:02, “Identification cards — Recording technique — Part 6: Magnetic stripe — High Coercivity” (Adopted Amendment 1:2005 to ISO/IEC 7811-6:2001) \$20

CAN/CSA-ISO/IEC 7816-3A-01

Amendment 1:2006, “Electrical characteristics and class indication for integrated circuit(s) cards operating at 5 V, 3 V and 1,8 V”, to CAN/CSA-ISO/IEC 7816-3-01, “Information technology — Identification cards — Integrated circuit(s) cards with contacts — Part 3: Electronic signals and transmission protocols” (Adopted Amendment 1:2002 to ISO/IEC 7816-3:1997) \$20



Amendments (cont'd)

CAN/CSA-ISO/IEC 8602A-97

Amendment 1:2006, "Addition of connectionless-mode multicast capability", to CAN/CSA-ISO/IEC 8602-97, "Information technology — Protocol for providing the OSI connectionless-mode transport service" (Adopted Amendment 1:1996 to ISO/IEC 8602:1995)..... \$20

CAN/CSA-ISO/IEC 8823-1A-97

Amendment 1:2006, "Efficiency enhancements", to CAN/CSA-ISO/IEC 8823-1-97, "Information technology — Open Systems Interconnection — Connection-oriented presentation protocol: Protocol specification" (Adopted Amendment 1:1998 to ISO/IEC 8823-1:1994)..... \$20

CAN/CSA-ISO/IEC 8823-1B-97

Amendment 2:2006, "Nested connections functional unit", to CAN/CSA-ISO/IEC 8823-1-97, "Information technology — Open Systems Interconnection — Connection-oriented presentation protocol: Protocol specification" (Adopted Amendment 2:1998 to ISO/IEC 8823-1:1994)..... \$20

CAN/CSA-ISO/IEC 8824-1B:04

Amendment 2:2006, "Alignment with changes made to ITU-T Rec. X.660| ISO/IEC 9834-1 for identifiers in object identifier value notation", to CAN/CSA-ISO/IEC 8824-1:04, "Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation" (Adopted Amendment 2:2005 to ISO/IEC 8824-1:2002)..... \$20

CAN/CSA-ISO/IEC 9075-1:04 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 9075-1:04, "Information technology — Database languages — SQL — Part 1: Framework (SQL/Framework)" (Adopted Technical Corrigendum 1:2005 to ISO/IEC 9075-1:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 9075-2:04 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 9075-2:04, "Information technology — Database languages — SQL — Part 2: Foundation (SQL/Foundation)" (Adopted Technical Corrigendum 1:2005 to ISO/IEC 9075-2:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 9075-3:04 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 9075-3:04, "Information technology — Database languages — SQL — Part 3: Call-Level Interface (SQL/CLI)" (Adopted Technical Corrigendum 1:2005 to ISO/IEC 9075-3:2003). This document is available only with the purchase of the standard. It is not available as a separate document.



Amendments (cont'd)

CAN/CSA-ISO/IEC 9075-4:04 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 9075-4:04, “Information technology — Database languages — SQL — Part 4: Persistent Stored Modules (SQL/PSM)” (Adopted Technical Corrigendum 1:2005 to ISO/IEC 9075-4:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 9075-9:04 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 9075-9:04, “Information technology — Database languages — SQL — Part 9: Management of External Data (SQL/MED)” (Adopted Technical Corrigendum 1:2005 to ISO/IEC 9075-9:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 9075-10:05 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 9075-10:05, “Information technology — Database languages — SQL — Part 10: Object Language Bindings (SQL/OLB)” (Adopted Technical Corrigendum 1:2005 to ISO/IEC 9075-10:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 9075-13:05 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 9075-13:05, “Information technology — Database languages — SQL — Part 13: SQL Routines and Types Using the Java™ Programming Language (SQL/JRT)” (Adopted Technical Corrigendum 1:2005 to ISO/IEC 9075-13:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 10164-10A-97

Amendment 1:2006, “Implementation conformance statement proformas”, to CAN/CSA-ISO/IEC 10164-10-97, “Information technology — Open Systems Interconnection — Systems Management: Usage metering function for accounting purposes” (Adopted Amendment 1:1998 to ISO/IEC 10164-10:1995) \$145

CAN/CSA-ISO/IEC 10164-11A-97

Amendment 1:2006, “Implementation conformance statement proformas”, to CAN/CSA-ISO/IEC 10164-11-97, “Information technology — Open Systems Interconnection — Systems Management: Metric objects and attributes” (Adopted Amendment 1:1998 to ISO/IEC 10164-11:1994) \$155

CAN/CSA-ISO/IEC 10179B-96

Amendment 2:2006, “Extensions to multilingual and complicated document styles”, to CAN/CSA-ISO/IEC 10179-96, “Information technology — Processing languages — Document Style Semantics and Specification Language (DSSSL)” (Adopted Amendment 2:2005 to ISO/IEC 10179:1996)..... \$20

Amendments (cont'd)

CAN/CSA-ISO/IEC 11770-2-01 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 11770-2-01, “Information technology — Security techniques — Key management Part 2: Mechanisms using symmetric techniques” (Adopted Technical Corrigendum 1:2005 to ISO/IEC 11770-2:1996). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 13818-1:02 TC 3

Technical Corrigendum 3:2006 to CAN/CSA-ISO/IEC 13818-1:02, “Information technology — Generic coding of moving pictures and associated audio information: Systems” (Adopted Technical Corrigendum 3:2005 to ISO/IEC 13818-1:2000). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 13818-1D:02

Amendment 4:2006, “ISAN and V-ISAN use in the content labelling descriptor”, to CAN/CSA-ISO/IEC 13818-1:02, “Information technology — Generic coding of moving pictures and associated audio information: Systems” (Adopted Amendment 4:2005 to ISO/IEC 13818-1:2000)..... \$20

CAN/CSA-ISO/IEC 13818-1E:02

Amendment 5:2006, “New audio profile and level signalling and change to audio_type table entry”, to CAN/CSA-ISO/IEC 13818-1:02, “Information technology — Generic coding of moving pictures and associated audio information: Systems” (Adopted Amendment 5:2005 to ISO/IEC 13818-1:2000) \$20

CAN/CSA-ISO/IEC 14443-2A:02

Amendment 1:2006, “Bit rates of fc/64, fc/32 and fc/16”, to CAN/CSA-ISO/IEC 14443-2:02, “Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 2: Radio frequency power and signal interface” (Adopted Amendment 1:2005 to ISO/IEC 14443-2:2001) \$20

CAN/CSA-ISO/IEC 14443-3A:02

Amendment 1:2006, “Bit rates of fc/64, fc/32 and fc/16”, to CAN/CSA-ISO/IEC 14443-3:02, “Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 3: Initialization and anticollision” (Adopted Amendment 1:2005 to ISO/IEC 14443-3:2001)..... \$20

CAN/CSA-ISO/IEC 14443-3C:02

Amendment 3:2006, “Handling of reserved fields and values”, to CAN/CSA-ISO/IEC 14443-3:02, “Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 3: Initialization and anticollision” (Adopted Amendment 3:2006 to ISO/IEC 14443-3:2001)..... \$20



Amendments (cont'd)

CAN/CSA-ISO/IEC 14443-4A:02

Amendment 1:2006, “Handling of reserved fields and values”, to CAN/CSA-ISO/IEC 14443-4:02, “Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 4: Transmission protocol” (Adopted Amendment 1:2006 to ISO/IEC 14443-4:2001)..... \$20

CAN/CSA-ISO/IEC 14492A:04

Amendment 1:2006, “Encoder”, to CAN/CSA-ISO/IEC 14492:04, “Information technology — Lossy/lossless coding of bi-level images” (Adopted Amendment 1:2004 to ISO/IEC 14492:2001)..... \$20

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

Amendment 1:2006, “Text profile and level indication”, to CAN/CSA-ISO/IEC 14496-1:05, “Information technology — Coding of audio-visual objects — Part 1: Systems” (Adopted Amendment 1:2005 to ISO/IEC 14496-1:2004) \$20

CAN/CSA-ISO/IEC 14496-2B:05

Amendment 2:2006, “New levels for simple profile”, to CAN/CSA-ISO/IEC 14496-2:05, “Information technology — Coding of audio-visual objects — Part 2: Visual” (Adopted Amendment 2:2005 to ISO/IEC 14496-2:2004) \$20

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

Amendment 2:2006, “Audio Lossless Coding (ALS), new audio profiles and BSAC extensions”, to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Amendment 2:2006 to ISO/IEC 14496-3:2005)..... \$190

CAN/CSA-ISO/IEC 14496-4B:06

Amendment 2:2006, “MPEG-4 conformance extensions for XMT and media nodes”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 2:2005 to ISO/IEC 14496-4:2004)..... \$20

CAN/CSA-ISO/IEC 14496-4C:06

Amendment 3:2006, “Visual new levels and tools”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 3:2005 to ISO/IEC 14496-4:2004) \$20

CAN/CSA-ISO/IEC 14496-4D:06

Amendment 4:2006, “IPMPX conformance extensions”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 4:2005 to ISO/IEC 14496-4:2004)..... \$20

CAN/CSA-ISO/IEC 14496-4E:06

Amendment 5:2006, “Conformance extensions for error-resilient simple scalable profile”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 5:2005 to ISO/IEC 14496-4:2004)..... \$20

Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-4F:06
Amendment 6:2006, “Advanced Video Coding conformance”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 6:2005 to ISO/IEC 14496-4:2004)..... \$130

CAN/CSA-ISO/IEC 14496-4G:06
Amendment 7:2006, “AFX conformance extensions”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 7:2005 to ISO/IEC 14496-4:2004) \$145

CAN/CSA-ISO/IEC 14496-4H:06
Amendment 8:2006, “High Efficiency Advanced Audio Coding, audio BIFS, and structured audio conformance”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 8:2005 to ISO/IEC 14496-4:2004) \$100

CAN/CSA-ISO/IEC 14496-4I:06
Amendment 9:2006, “AVC fidelity range extensions conformance”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 9:2006 to ISO/IEC 14496-4:2004)..... \$100

CAN/CSA-ISO/IEC 14496-4J:06
Amendment 10:2006, “Conformance extensions for simple profile levels 4a and 5”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 10:2005 to ISO/IEC 14496-4:2004)..... \$20

CAN/CSA-ISO/IEC 14496-4K:06
Amendment 11:2006, “Parametric stereo conformance”, to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 11:2006 to ISO/IEC 14496-4:2004) \$40

CAN/CSA-ISO/IEC 14496-5C:06
Amendment 3:2006, “Visual new level and tools”, to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 3:2003 to ISO/IEC 14496-5:2001) \$40

CAN/CSA-ISO/IEC 14496-5D:06
Amendment 4:2006, “IPMPX reference software extensions”, to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 4:2004 to ISO/IEC 14496-5:2001) \$50

CAN/CSA-ISO/IEC 14496-5E:06
Amendment 5:2006, “Reference software extensions for error resilient simple scalable profile”, to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 5:2004 to ISO/IEC 14496-5:2001)..... \$35



Amendments (cont'd)

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

Amendment 6:2006, “Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software”, to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 6:2005 to ISO/IEC 14496-5:2001) \$20

CAN/CSA-ISO/IEC 14496-5G:06

Amendment 7:2006, “AFX reference software extensions”, to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 7:2005 to ISO/IEC 14496-5:2001) \$20

CAN/CSA-ISO/IEC 14496-5H:06

Amendment 8:2006, “AVC fidelity range extensions reference software”, to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 8:2006 to ISO/IEC 14496-5:2001) \$20

CAN/CSA-ISO/IEC 14496-16:05 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC 14496-16:05, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Technical Corrigendum 1:2005 to ISO/IEC 14496-16:2004). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-16:05 TC 2

Technical Corrigendum 2:2006 to CAN/CSA-ISO/IEC 14496-16:05, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Technical Corrigendum 2:2005 to ISO/IEC 14496-16:2004). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-16A:05

Amendment 1:2006, “Morphing and textures”, to CAN/CSA-ISO/IEC 14496-16:05, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Amendment 1:2006 to ISO/IEC 14496-16:2004) \$145

CAN/CSA-ISO/IEC 14651B:02

Amendment 2:2006 to CAN/CSA-ISO/IEC 14651:02, “Information technology — International string ordering and comparison — Method for comparing character strings and description of the common template tailorable ordering” (Adopted Amendment 2:2005 to ISO/IEC 14651:2001) \$20

CAN/CSA-ISO/IEC 15444-1A:04

Amendment 1:2006, “Profiles for digital cinema applications”, to CAN/CSA-ISO/IEC 15444-1:05, “Information technology — JPEG 2000 image coding system: Core coding system” (Adopted Amendment 1:2006 to ISO/IEC 15444-1:2004) \$20

Amendments (cont'd)

CAN/CSA-ISO/IEC 15444-2:05 TC 3

Technical Corrigendum 3:2006 to CAN/CSA-ISO/IEC 15444-2:05, “Information technology — JPEG 2000 image coding system: Extensions” (Adopted Technical Corrigendum 3:2005 to ISO/IEC 15444-2:2004). This document is available only the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 15444-2B:05

Amendment 2:2006, “Extended capabilities marker segment”, to CAN/CSA-ISO/IEC 15444-2:05, “Information technology — JPEG 2000 image coding system: Extensions” (Adopted Amendment 2:2006 to ISO/IEC 15444-2:2004) \$20

CAN/CSA-ISO/IEC 15938-1:04 TC 2

Technical Corrigendum 2:2006 to CAN/CSA-ISO/IEC 15938-1:04, “Information technology — Multimedia content description interface — Part 1: Systems” (Adopted Technical Corrigendum 2:2005 to ISO/IEC 15938-1:2002). This document is available only with the purchase of the standard. It is not available as a separate document.

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

Amendment 1:2006, “Systems extensions”, to CAN/CSA-ISO/IEC 15938-1:04, “Information technology — Multimedia content description interface — Part 1: Systems” (Adopted Amendment 1:2005 to ISO/IEC 15938-1:2002) \$175

CAN/CSA-ISO/IEC 15938-5B:04

Amendment 2:2006, “Multimedia description schemes user preference extensions”, to CAN/CSA-ISO/IEC 15938-5:04, “Information technology — Multimedia content description interface — Part 5: Multimedia description schemes” (Adopted Amendment 2:2005 to ISO/IEC 15938-5:2003)..... \$130

CAN/CSA-ISO/IEC TR 15938-8:04 TC 1

Technical Corrigendum 1:2006 to CAN/CSA-ISO/IEC TR 15938-8:04, “Information technology — Multimedia content description interface — Part 8: Extraction and use of MPEG-7 descriptions” (Adopted Technical Corrigendum 1:2005 to ISO/IEC TR 15938-8:2002). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 18010A:04

Amendment 1:2006, “Multi-tenant Pathways and Spaces”, to CAN/CSA-ISO/IEC 18010:04, “Information technology — Pathways and spaces for customer premises cabling” (Adopted Amendment 1:2005 to ISO/IEC 18010:2002) \$100

CAN/CSA-ISO/IEC TR 19758A:04

Amendment 1:2006, “Extensions to basic composition styles and tables”, to CAN/CSA-ISO/IEC TR 19758:04, “Information technology — Document description and processing languages — DSSSL library for complex compositions” (Adopted Amendment 1:2005 to ISO/IEC TR 19758:2003)..... \$20



Amendments (cont'd)

CAN/CSA-ISO/IEC TR 19758B:04

Amendment 2:2006, “Extensions to multilingual compositions (South-East Asian compositions)”, to CAN/CSA-ISO/IEC TR 19758:04, “Information technology — Document description and processing languages — DSSSL library for complex compositions” (Adopted Amendment 2:2005 to ISO/IEC TR 19758:2003)..... \$20

CAN/CSA-ISO/IEC TR 19758C:04

Amendment 3:2006, “Extensions to multilingual compositions (North and South Asian compositions)”, to CAN/CSA-ISO/IEC TR 19758:04, “Information technology — Document description and processing languages — DSSSL library for complex compositions” (Adopted Amendment 3:2005 to ISO/IEC TR 19758:2003)..... \$20

Modifications publiées en français

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

CAN/CSA-ISO/CEI 8602A-97

Modification 1:2006, «Adjonction de la capacité de multidiffusion en mode sans connexion», à la norme CAN/CSA-ISO/CEI 8602-97, «Technologies de l'information — Protocole assurant le service de transport en mode sans connexion de l'interconnexion de systèmes ouverts» (norme ISO/CEI 8602:1995, amendement n° 1:1996, adoptée) 20 \$

CAN/CSA-ISO/IEC 8823-1A-97

Modification 1:2006, «Amélioration de l'efficacité», à la norme CAN/CSA-ISO/CEI 8823-1-97, «Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Protocole de présentation en mode connexion: Spécification du protocole» (norme ISO/CEI 8823-1:1994, amendement n° 1:1998, adoptée)..... 20 \$

CAN/CSA-ISO/IEC 8823-1B-97

Modification 2:2006, «Unité fonctionnelle de connexions imbriquées», à la norme CAN/CSA-ISO/CEI 8823-1-97, «Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Protocole de présentation en mode connexion: Spécification du protocole» (norme ISO/CEI 8823-1:1994, amendement n° 2:1998, adoptée) 20 \$

CAN/CSA-ISO/IEC 10164-10A-97

Modification 1:2006, «Formulaires de déclaration de conformité d'implémentation», à la norme CAN/CSA-ISO/CEI 10164-10-97, «Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Gestion-systèmes: Fonction de comptage d'utilisation aux fins de comptabilité» (norme ISO/CEI 10164-10:1995, amendement n° 1:1998, adoptée)..... 145 \$



Modifications publiées en français (suite)

CAN/CSA-ISO/IEC 10164-11A-97

Modification 1:2006, «Formulaires de déclaration de conformité d'implémentation», à la norme CAN/CSA-ISO/CEI 10164-10-97, «Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Gestion des systèmes: Objets et attributs métriques» (norme ISO/CEI 10164-11:1994, amendement n° 1:1998, adoptée)..... 155 \$

CAN/CSA-ISO/IEC 13818-1:02 RT 3

Rectificatif technique 3:2006 à la norme CAN/CSA-ISO/IEC 13818-1:02, «Technologies de l'information — Codage générique des images animées et du son associé: Systèmes» (norme ISO/CEI 13818-1:2000, rectificatif technique 3:2005, adoptée). Ce document est offert seulement avec l'achat de la norme. Il n'est pas offert comme document distinct.

CAN/CSA-ISO/CEI 13818-1D:02

Modification 4:2006, «Emploi des numéros ISAN et V-ISAN dans le descripteur d'étiquetage du contenu», à la norme CAN/CSA-ISO/CEI 13818-1:02, «Technologies de l'information — Codage générique des images animées et du son associé: Systèmes» (norme ISO/CEI 13818-1:2000, amendement n° 4:2005, adoptée)..... 20 \$

CAN/CSA-ISO/IEC 13818-1E:02

Modification 5:2006, «Signalisation de nouvelles combinaisons de profil et de niveau de flux audio et modification de la table des types audio», à la norme CAN/CSA-ISO/CEI 13818-1:02, «Technologies de l'information — Codage générique des images animées et du son associé: Systèmes» (norme ISO/CEI 13818-1:2000, amendement n° 5:2005, adoptée)..... 20 \$

CAN/CSA-ISO/CEI 14651B:02

Modification 2:2006 à la norme CAN/CSA-ISO/CEI 14651:02, «Technologies de l'information — Classement international et comparaison de chaînes de caractères — Méthode de comparaison de chaînes de caractères et description du modèle commun et adaptable d'ordre de classement» (norme ISO/CEI 14651:2001, amendement n° 2:2005, adoptée)..... 20 \$

CAN/CSA-ISO/CEI 15444-2:05 RT 3

Rectificatif technique 3:2006 à la norme CAN/CSA-ISO/CEI 15444-2:05, «Technologies de l'information — Système de codage d'images JPEG 2000: Extensions» (norme ISO/CEI 15444-2:2004, rectificatif technique 3:2005, adoptée). Ce document est offert seulement avec l'achat de la norme. Il n'est pas offert comme document distinct.



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

A220 Series-06, 2nd edition

Concrete Roof Tiles \$125

The A220 Series contains the following standards:

- **A220.0-06**, *Performance of Concrete Roof Tiles*. This standard applies to concrete roof tiles and tiling accessories intended for use as weather-resistant roofing materials. This standard specifies requirements and procedures for the sampling and testing of concrete roof tiles for dimensional tolerances, water absorption, water permeability, freezing and thawing resistance, transverse strength, and material quality.
- **A220.1-06**, *Installation of Concrete Roof Tiles*. This standard applies to the installation of concrete roof tiles and tiling accessories on roofs with slopes of 1:3 and greater. This standard provides minimum requirements for the installation of battens and underlayment materials under concrete roof tiles as well as the related requirements for weather-resistant roofing systems.

A440.4-07, 2nd edition

Window, Door, and Skylight Installation..... \$150

This standard provides methods for installing both new and replacement factory-assembled windows, exterior doors, and unit skylights that are intended for installation in low-rise buildings and buildings used primarily for residential occupancy, as follows:

- the windows (including window wall) are within the application of CAN/CSA-A440/A440.1; or R, LC, or C class within the application of AAMA/WDMA/CSA 101/I.S.2/A440
- the doors are within the application of CAN/CGSB-82.1, CAN/CGSB-82.5, or CAN/CSA-O132; or R, LC, or C class within the application of AAMA/WDMA/CSA 101/I.S.2/A440
- the skylights are within the application of CAN/CGSB-63.14-M89; or R, LC, or C class within the application of AAMA/WDMA/CSA 101/I.S.2/A440

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

A82-06, 1^{re} édition

Brique de maçonnerie cuite en argile ou en schiste..... 70 \$

Cette norme s'applique aux briques cuites en argile ou en schiste utilisées comme éléments structuraux ou de parement pour la maçonnerie. Elle traite notamment des exigences d'essais et autres exigences relatives à la durabilité au gel et au dégel, au fini, à la texture, à la couleur, à la résistance à la compression, à l'absorption d'eau, à l'efflorescence, aux dimensions, à la déformation et au faux équerrage.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

O122-06, 3^e édition

Bois de charpente lamellé-collé..... 80 \$

Cette norme prescrit les exigences minimales relatives à la fabrication du bois lamellé-collé des essences énumérées dans la CAN/CSA-O86. Cette norme ne tient pas compte de l'entreposage, de la manutention ni de la mise en œuvre des ces produits fabriqués.

O177-06, 5^e édition

Règles de qualification des fabricants de bois de charpente lamellé-collé..... 80 \$

Le produit fini ne peut être facilement mis à l'essai qu'en laboratoire. Par conséquent, le contrôle de la qualité de la fabrication est nécessaire afin de veiller à ce que les propriétés du produit se mesurent adéquatement aux résistances prescrites pour le bois lamellé-collé, conformément à la CAN/CSA-O86. Cette norme énonce les règles de qualification des fabricants de bois de charpente lamellé, collé par pression ou par des moyens mécaniques autres que le clouage.

Amendments

CAN/CSA-A440-00/A440.1-00 (R2005)

Windows / User Selection Guide to A440-00

Revision of Clause 5.4.1 of A440-00.

ASME A112.18.1-2005/CSA B125.1-05

Plumbing Supply Fittings

Revision of the Contents, Joint Harmonization Task Group, Clauses 1.1, 2.2, 3.1, 4.16, 5.5.1, 5.8.1.1, and 5.8.1.2, Table 2, and Figures 1 and 4. Addition of Clause 5.11.

ASME A112.18.2-2005/CSA B125.2-05

Plumbing Waste Fittings

Revision of Joint Harmonization Task Group and Clause 5.6.4.2.

B125.3-05

Plumbing Fittings

Revision of the Contents, Clauses 3.1, 4.13, and 5.9.2.3, and Figures 3–5. Addition of Clauses 5.7.6 and 6.9.



Modifications publiées en français

CAN/CSA-A440-00/A440.1-00 (C2005)

Fenêtres/Guide de l'utilisateur de la norme A440-00

Révision de l'article 5.4.1 de la A440-00.

ASME A112.18.1-2005/CSA B125.1-05

Robinets

Des modifications ont été apportées à la table des matières, à la liste du Groupe de travail conjoint sur l'harmonisation, aux articles 2.2, 3.1, 4.16 et 5.8.1.1, au tableau 2 et aux figures 1 et 4. L'article 5.11 a été ajouté.

ASME A112.18.2-2005/CSA B125.2-05

Vidanges de robinetterie sanitaire

Des modifications ont été apportées à la liste du Groupe de travail conjoint sur l'harmonisation et à l'article 5.6.4.2.

B125.3-05

Accessoires de robinetterie sanitaire

Des modifications ont été apportées à la table des matières, aux articles 3.1, 4.13 et 5.9.2.3, et aux figures 3 à 5. Les articles 5.7.6 et 6.9 ont été ajoutés.

Reaffirmed Standards

O118.2-1981 (R2007)

Eastern White Cedar Shingles

W178.1-02 (R2007)

Certification of Welding Inspection Organizations

Formal Interpretations

The following interpretation regarding Clause 1.1 of CSA standard CAN/CSA-B45.10-01, has been approved by the Technical Committee on Plumbing Fixtures.

Question: In order to be in compliance with CSA B45.10-01, is it necessary for the overall appliance (the complete hydromassage bathtub with electrical devices installed) to comply with all of the applicable requirements of CSA C22.2 No. 218.2 (as implied by Clause 1.1)?

Answer: Yes.



Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Ted Koza at 416-747-2691 or ted.koza@csa.ca

- **W178.2, 5th edition**
Certification of Welding Inspectors

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Vanessa Mitchell at 416-747-2470 or vanessa.mitchell@csa.ca:

- **CAN3-D313-M85 (R2002)**
Trailer Running Gear

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
January 19, 2007	Publication of CSA standard A23.1-04/A23.2-04, <i>Concrete Materials and Methods of Concrete Construction / Methods of Test and Standard Practices for Concrete.</i>	Concrete Products No. 6 Concrete Testing Laboratories No. 9
January 31, 2007	Introduction of CSA components acceptance policy for non-CSA certified non-electrical components for use in CSA certified recreational vehicles, park model trailers, mobile homes and modular homes.	Component Acceptance Service No. 43
February 2, 2007	Publication of ASME A112.19.14-2006, <i>Six-Liter Water Closets Equipped with a Dual Flushing Device.</i>	Plumbing Products No. 172



Certification Notices

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

Effective Date	Subject	Title
April 1, 2007	Publication of CSA standard A440.2-04/A440.3-04, <i>Energy Performance of Windows and other Fenestration Systems / User Guide to CSA A440.2-04.</i>	Building Products and Materials No. 13
May 1, 2007	Publication of Update No. 2 to CSA standard B127.1-99, <i>Asbestos Cement Drain Waste and Vent Pipe and Pipe Fittings.</i>	Plumbing Products No. 168
► June 1, 2007	Announcing changes to the Drinking Water Products Program. This program has been moved from the component certification program to the certification program for drinking water.	Drinking Water Products No. 7
► October 1, 2007	Publication of CSA standard A283-06, <i>Qualification Code for Concrete Testing Laboratories.</i>	Concrete Testing Laboratories No. 10
► October 1, 2007	Publication of CSA standard B45.11-2006, <i>Glass Lavatories</i> and Updates No. 1 and 2.	Plumbing Products No. 173

Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 256-05, 1^{re} édition

Veilleuses à enfichage direct (norme binationale avec UL 1786, troisième édition) 395 \$

Cette norme s'applique aux veilleuses à enfichage direct dont la puissance ne dépasse pas 10 W et destinées à être utilisées à l'intérieur, uniquement dans des emplacements non dangereux, conformément au *Code canadien de l'électricité, Première partie* (CSA C22.1) et au *National Electrical Code* (ANSI/NFPA 70). Les sources lumineuses utilisables sont notamment les lampes à incandescence à culot de type candélabre, les lampes non remplaçables (fluorescentes, au néon ou à diode électroluminescente) et les plaques électroluminescentes.

Les exigences de cette norme s'appliquent aux veilleuses à enfichage direct destinées à être branchées dans une prise de courant à fentes parallèles d'au plus 125 V.

Cette norme est offerte en format PDF seulement.

Amendments

CAN/CSA-C22.2 No. 218.1-M89 (R2006)

Spas, Hot Tubs, and Associated Equipment

Revision of Clause 1.1.

Modifications publiées en français

CAN/CSA-C22.2 n° 14-05

Appareillage industriel de commande

Des modifications ont été apportées au tableau 2.

CAN/CSA-C22.2 n° 218.1-M89 (C2006)

Cuves à remous et matériel connexe

Des modifications ont été apportées à l'article 1.1.



Endorsed Standards

IEC 60216-3 (2006)

Electrical insulating materials — Thermal endurance properties — Part 3: Instructions for calculating thermal endurance characteristics

IEC 60455-3-5 (2006)

Resin based reactive compounds used for electrical insulation — Part 3: Specifications for individual materials — Sheet 5: Unsaturated polyester based impregnating resins

IEC 60464-2-AM1 (2006)

Varnishes used for electrical insulation — Part 2: Methods of test — Amendment 1

IEC 60464-3-1-AM1 (2006)

Varnishes used for electrical insulation — Part 3: Specifications for individual materials — Sheet 1: Ambient curing finishing varnishes — Amendment 1

IEC 60464-3-2-AM1 (2006)

Varnishes used for electrical insulation — Part 3: Specifications for individual materials — Sheet 2: Hot curing impregnating varnishes — Amendment 1

Reaffirmed Standards

CAN/CSA-C22.2 No. 5-02 (R2007)

Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures

CAN/CSA-C22.2 No. 107.2-01 (R2007)

Battery Chargers

CAN/CSA-C22.2 No. 112-97 (R2007)

Electric Clothes Dryers

C22.2 No. 117-1970 (R2007)

Room Air Conditioners

CAN/CSA-C22.2 No. 164-M91 (R2007)

Electric Sauna Heating Equipment

C22.2 No. 167-97 (R2007)

Household Dishwashers

C22.2 No. 169-97 (R2007)

Electric Clothes Washing Machines and Extractors

CAN/CSA-C22.2 No. 177-92 (R2007)

Clock-Operated Switches



Withdrawn Standards

CAN/CSA-C108.6-M91 (R2003)

Limits and Methods of Measurement of Electromagnetic Disturbance Characteristics of Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **C22.2 No. 47, 5th edition**
Air-Cooled Transformers
- **C22.2 No. 182.1, 3rd edition**
Plugs, Receptacles and Connectors of the Pin and Sleeve Type
- **C22.2 No. 61010-2-040, 1st edition**
Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials (proposed adoption of IEC 61010-2-040, edition 1.0)

For more information about the proposed development of the following new projects, contact Tania Donovska at 416-747-4112 or tania.donovska@csa.ca:

- **C49.8, 1st edition**
Bare Overhead Distribution Aluminum Conductors
- **C68.9, 1st edition**
Covered Overhead Distribution Line Wires

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact John O'Neill at 416-747-4042 or john.oneill@csa.ca:

- **CAN/CSA-C71-2-98 (R2002)**
Insulation Coordination — Part 2: Application Guide
(Adopted CEI/IEC 71-2:1996, third edition, with Canadian deviations)



Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standard, contact Tania Donovska at 416-747-4112 or tania.donovska@csa.ca:

- **CAN/CSA-C108.9-M91 (R2003)**
Sound and Television Broadcasting Receivers and Associated Equipment — Limits and Methods of Measurement of Immunity Characteristics

For more information about the proposed withdrawal of the following standard, contact John O’Neill at 416-747-4042 or john.oneill@csa.ca:

- **CAN/CSA-C22.2 No. 0.16-M92 (R2001)**
Measurement of Harmonic Currents

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 22, 2006	Publication of Update No. 2 to CSA standard C22.2 No. 211.0-03, <i>General Requirements and Methods of Testing for Nonmetallic Conduit</i> .	Conduit No. 18
December 22, 2006	Publication of Update No. 4 to CSA standard C22.2 No. 214-02 / UL 444, <i>Communications Cables</i> .	Wire and Cable No. 129
December 22, 2006	Publication of Update No. 2 to CSA standard C22.2 No. 65-03, <i>Standard for Wire Connectors</i> . This update also applies to UL486A – 486B and NMX-J-543-ANCE-03.	Wiring Devices No. 46

Certification Notices

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

Effective Date	Subject	Title
March 26, 2007	Publication of the ninth edition of UL 197, <i>Commercial Electric Cooking Appliances</i> .	Appliances No. 6B
March 30, 2007	Publication of Technical Information Letter No. A-32, providing interim certification requirements for outdoor portable multiple-receptacle extension boxes.	Wiring Devices No. 41

Certification Notices (cont'd)

Effective Date	Subject	Title
June 1, 2007	Publication of CSA standard C22.2 No. 198.2-05, <i>Sealed Wire Connector Systems</i> (tri-national standard with UL486D and NMX-J-519-ANCE-05).	Wiring Devices No. 43
June 1, 2007	Publication of amendments to CSA standard CAN/CSA-C22.2 No. 60745-1-04, <i>Hand-held motor-operated electric tools — Safety — Part 1: General requirements</i> (bi-national standard, with UL 60745-1), and four new CAN/CSA-C22.2 No. 60745 Part 2-05 standards, covering concrete vibrators, strapping tools, band saws, and drain cleaners.	Electrical Tools No. 16
June 29, 2007	Publication of CSA standard C22.2 No. 227.1-06, <i>Electrical Nonmetallic Tubing</i> .	Conduit No. 17
August 1, 2007	Publication of CSA standard C22.2 No. 182.1-02, <i>Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type</i> (bi-national standard with UL 1682).	Wiring Devices No. 44
August 14, 2007	Publication of Technical Information Letter No. H-18A, covering interim certification requirements for burner controls incorporating programmable logic. These requirements supplement those of CSA standards C22.2 No. 199, <i>Combustion Safety Controls and Solid-State Igniters for Gas- and Oil-Burning Equipment</i> , and C22.2 No. 0.8, <i>Safety Functions Incorporating Electronic Technology</i> .	Signal Sensing and Controls No. 4
August 31, 2007	Publication of CSA standard C22.2 No. 38-05, <i>Thermosetting Insulated Wires and Cables</i> , and Technical Information Letter No. J-35, covering additional certification requirements (Heat Deformation Test).	Wire and Cable No. 118
▶ December 1, 2007	Publication of CSA standard C22.2 No. 38-05, <i>Thermosetting Insulated Wires and Cables</i> . (Supersedes Wire and Cable No. 118.)	Wire and Cable No. 118A
January 4, 2008	Publication of Technical Information Letter No. J-36, providing interim test and marking requirements for electrical wires and cables intended for use where exposed to direct sunlight, where requirements presently do not exist in the product standard.	Wire and Cable No. 126

**Certification Notices (cont'd)**

Effective Date	Subject	Title
▶ May 1, 2008	Publication of CSA standard C22.2 No. 211.1-06, <i>Rigid Types EB1 and DB2/ES2 PVC Conduit.</i>	Conduit No. 19
▶ May 1, 2008	Publication of CSA standard C22.2 No. 211.2-06, <i>Rigid PVC (Unplasticized) Conduit.</i>	Conduit No. 20
June 30, 2008	Publication of CSA standard C22.2 No. 49-06, <i>Flexible Cords and Cables.</i>	Wire and Cable No. 128
August 1, 2008	Publication of Amendment 1 to CSA standard CAN/CSA-E61347-2-3:03, <i>Lamp controlgear — Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps</i> (Adopted CEI/IEC 61347-2-3:2000, first edition, 2000-10, with Canadian deviations).	Lighting Products No. 48
December 31, 2008	Publication of the third edition of CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets.</i>	Wiring Devices No. 37
▶ December 31, 2008	Publication of CSA standard C22.2 No. 256-05, <i>Direct Plug-In Nightlights.</i>	Lighting Products No. 49
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



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Z245.20-06, 5th edition/Z245.21-06, 4th edition

External Fusion Bond Epoxy Coating for Steel Pipe /

External Polyethylene Coating for Pipe..... \$250

- **Z245.20-06** covers the qualification, application, inspection, testing, handling, and storage of materials required for plant-applied fusion bond epoxy (FBE) coating applied externally to bare steel pipe. The coated pipe is intended primarily for buried or submerged service for oil or gas pipeline systems.
- **Z245.21-06** covers the qualification, application, inspection, testing, handling, and storage of materials required for plant-applied polyethylene coating applied externally to pipe, whereby an adhesive is interposed between a bare or epoxy-primed pipe and the polyethylene. The coated pipe is intended primarily for buried or submerged service for oil or gas pipeline systems.

Z341 Series-06, 2nd edition

Storage of Hydrocarbons in Underground Formations..... \$300

The A341 Series contains the following standards:

- **Z341.1-06, Reservoir Storage.** This standard sets out the minimum requirements for the design, construction, operation, maintenance, abandonment, and safety of hydrocarbon storage in underground reservoir formations and associated equipment. The equipment considered includes the following:
 - storage wellhead and Christmas tree assemblies
 - wells and subsurface equipment
 - safety equipment, including monitoring, control, and emergency shutdown systems.

Hydrocarbons within the scope of this standard include crude oil, diesel, natural gas, methane, ethane, propane, butane, and other hydrocarbons by themselves or in mixtures.

- **Z341.2-06, Salt Cavern Storage.** This standard sets out the minimum requirements for the design, construction, operation, maintenance, abandonment, and safety of hydrocarbon storage in underground salt cavern formations and associated equipment.

The equipment considered includes the following:

- storage wellhead and Christmas tree assemblies
- wells and subsurface equipment
- safety equipment, including monitoring, control, and emergency shutdown systems.

Hydrocarbons within the scope of this standard include crude oil, diesel, natural gas, methane, ethane, propane, butane, and other hydrocarbons by themselves or in mixtures.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C802.2-06, 2^e édition

Valeurs minimales de rendement pour les transformateurs à sec..... 100 \$

Cette norme prescrit les valeurs de rendement énergétique pour les transformateurs à sec. La méthode du coût d'exploitation total (CET) est le moyen recommandé pour arriver à ces valeurs de rendement énergétique, particulièrement pour les services publics d'électricité. Cette norme prescrit aussi une méthode optimale pour les utilisateurs autres que les services publics, fondée sur une modification de la méthode du coût d'exploitation total qui réunit toutes les conditions du coût de l'énergie.

C828-06, 2^e édition

Exigences relatives aux performances des thermostats de chauffage électrique individuel des locaux 55 \$

Cette norme prescrit des exigences pour les modèles de thermostats prévus pour la commutation d'une charge de chauffage résistive à la tension secteur (120-240 V). Elle inclut les thermostats unipolaires et bipolaires qui commutent la charge par cycle marche-arrêt lent ou rapide. Les modèles visés par cette norme sont les suivants :

- a) thermostats à tension secteur, de type mural ;
- b) thermostats à tension secteur, de type intégré (jusqu'à 1500 W) ; et
- c) thermostats à deux composantes.

Les exigences de cette norme s'appliquent seulement aux thermostats utilisés dans des locaux délimités ; elles ne s'appliquent pas aux unités de chauffage central contrôlées par un thermostat unique non plus qu'aux thermostats utilisés exclusivement pour contrôler des installations de chauffage par rayonnement.

Amendments

CAN/CSA-C802.1-00 (R2005)

Minimum Efficiency Values for Liquid-Filled Distribution Transformers

Revision of Clauses 6.3, 6.4, and 7.

Modifications publiées en français

CAN/CSA-C802.1-00 (C2005)

Valeurs minimales de rendement pour les transformateurs de distribution à isolant liquide

Des modifications ont été apportées aux articles 6.3, 6.4, et 7.

Reaffirmed Standards

B346-M1980 (R2007)

Power-Operated Dispensing Devices for Flammable Liquids

CAN/CSA-C239-02 (R2007)

Performance Standard for Dusk-to-Dawn Luminaires

CAN/CSA-C368.1-M90 (R2007)

Performance Standard for Room Air Conditioners

CAN/CSA-C804-96 (R2007)

Energy Performance of Vending Machines

Formal Interpretations

The following interpretations regarding Clauses 11.6.2 and 16.9 of **CSA standard Z245.1-02, *Steel Pipe***, have been approved by the Technical Committee on Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question 1: Except where required by 11.6.1 (e), does the standard require an inspection for laminations in the body of each pipe?

Answer: No.

Question 2: Does the standard require ultrasonic inspection for laminations in the body of each pipe?

Answer: No.

Question 3: Do the dimensional requirements of Clauses 11.6.2 and 16.9 require manufacturers to inspect the entire body of the pipe ultrasonically?

Answer: No. However, Clauses 12.1.1 and 12.2.5 require nondestructive inspection of seamless pipe.

The following interpretations regarding Clause 15.2 (k) of **CSA standard Z245.1-02, *Steel Pipe***, have been approved by the Technical Committee on Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question 1: For pipe that is being double jointed by the pipe manufacturer, or their subcontractor, does CSA Z245.1-02 require actual measurement on 24 m nominal length pipe that are joined from two 12 m nominal length pipes?

Answer: Yes.

Question 2: For pipe that is being double jointed by the purchaser of the pipe, or their subcontractor, does CSA Z245.1-02 require actual measurement on 24 m nominal length pipe that are joined from two 12 m nominal length pipes?

Answer: No. The requirements of CSA Z245.1-02 do not apply to the activities of the purchaser.



Formal Interpretations (cont'd)

The following interpretations regarding Clauses 4.8.3.1, 13.3.2.7, and 13.3.4.2 of CSA standard CAN/CSA-Z662-03, *Oil and Gas Pipeline Systems*, have been approved by the Technical Committee on Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question 1: Is the intention of the wording in Clause 4.8.3.1 of standard Z662-03 that the clause covers only steel pipe?

Answer: Yes. The scope of Clause 4.8.3.1 is specific to requirements for uncased steel pipe crossings only.

Question 2: Is the intention of the wording in Clause 4.8.3.1 of standard Z662-03 that only steel pipe may be uncased at road crossings?

Answer: No. Clause 4.8.3.1 does not limit uncased crossings to only steel pipe. The choice of cased or uncased crossings for polyethylene pipe is left to the designer to address.

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Robert Storey at 416-747-2685 or robert.storey@csa.ca:

- **C61215, 2nd edition**
Crystalline silicon terrestrial photovoltaic (PV) modules — Design qualification and type approval (proposed adoption of IEC 61215, edition 2.0)
- **F378, 5th edition**
Solar Collectors

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 18, 2006	Publication of CSA standard C802.2-06, <i>Minimum Efficiency Values for Dry-Type Transformers</i> .	Verification Service Announcement No. 31



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

CAN/CSA-ISO 14040:06, 2nd edition

Environmental management — Life cycle assessment — Principles and framework

(Adopted ISO 14040:2006, second edition, without modification)..... \$100

This standard describes the principles and framework for life cycle assessment (LCA) including the following:

- the goal and scope definition of the LCA
- the life cycle inventory analysis (LCI) phase
- the life cycle impact assessment (LCIA) phase
- the life cycle interpretation phase
- reporting and critical review of the LCA
- limitations of the LCA
- relationship between the LCA phases
- conditions for use of value choices and optional elements.

This standard covers life cycle assessment (LCA) studies and life cycle inventory (LCI) studies. It does not describe the LCA technique in detail, nor does it specify methodologies for the individual phases of the LCA.

CAN/CSA-ISO 14044:06, 1st edition

Environmental management — Life cycle assessment — Requirements and guidelines

(Adopted ISO 14044:2006, first edition, without modification) \$150

This standard specifies requirements and provides guidelines for life cycle assessment (LCA) including the following:

- the goal and scope definition of the LCA
- the life cycle inventory analysis (LCI) phase
- the life cycle impact assessment (LCIA) phase
- the life cycle interpretation phase
- reporting and critical review of the LCA
- limitations of the LCA
- relationship between the LCA phases
- conditions for use of value choices and optional elements.

This standard covers life cycle assessment (LCA) studies and life cycle inventory (LCI) studies.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-ISO 14040:06, 2^e édition

Management environnemental — Analyse du cycle de vie — Principes et cadre (norme ISO 14040:2006, deuxième édition, adoptée sans modifications) 100 \$

Cette norme spécifie les principes et le cadre applicables à la réalisation d'analyses du cycle de vie (ACV) comprenant

- la définition des objectifs et du champ de l'étude ACV
- la phase d'inventaire du cycle de vie (ICV)
- la phase d'évaluation de l'impact du cycle de vie (ACVI)
- la phase d'interprétation du cycle de vie
- la communication et la revue critique de l'ACV
- les limitations de l'ACV
- la relation entre les phases de l'ACV
- les conditions d'utilisation des choix de valeurs et des éléments facultatifs.

Cette norme traite des études d'analyse du cycle de vie (ACV) et des études d'inventaire du cycle de vie (ICV). Elle ne décrit pas en détail la technique de l'analyse du cycle de vie, ni les méthodologies spécifiques de chacune de ses phases.

CAN/CSA-ISO 14044:06, 1^{re} édition

Management environnemental — Analyse du cycle de vie — Exigences et lignes directrices (norme ISO 14044:2006, première édition, adoptée sans modifications) 150 \$

Cette norme spécifie les exigences et fournit les lignes directrices pour la réalisation d'analyses du cycle de vie (ACV) comprenant

- la définition des objectifs et du champ de l'étude ACV
- la phase d'inventaire du cycle de vie (ICV)
- la phase d'évaluation de l'impact du cycle de vie (ACVI)
- la phase d'interprétation du cycle de vie
- la communication et la revue critique de l'ACV
- les limitations de l'ACV
- la relation entre les phases de l'ACV
- les conditions d'utilisation des choix de valeurs et des éléments facultatifs.

Cette norme traite des études d'analyse du cycle de vie (ACV) et des études d'inventaire du cycle de vie. (ICV).

Reaffirmed Standards

Z763-96 (R2007)

Introduction to Environmental Risk Assessment Studies

Z768-01 (R2007)

Phase I Environmental Site Assessment



Withdrawn Standards

Z760-94 (R2001)

Life Cycle Assessment



Certification and Testing (CSA International)

Amendments

B105S1-07

Supplement No. 1 to CAN/CGA-B105-M93, "Code for Digester Gas and Landfill Gas Installations" \$35

Revision of the Contents, Clauses 2.3, 5.2.1.2, 5.2.2.2, 5.3.3.1, 5.3.3.8, 5.5.2.1, 5.5.2.5, 5.5.2.7, 7.1.2, 7.9.1, 8.7.1, 8.7.2, 8.8.3.1, 9.3.6, 9.4.3, 10 (title), 15.2.1.2, 15.2.2.1, 15.3.3.1, 15.3.3.8, 15.4.2.2, 15.5.2.1, 15.5.2.5, 15.5.2.7, 17.1.2, 17.6.1, 17.9.1, 18.3.6, 18.4.3, and 19 (title). Addition of Clauses 7.1.3, 9.3.7, 10.6, 17.1.3, 18.3.8, and 19.2.

B149.1S1-07

Supplement No. 1 to CAN/CSA-B149.1-05, "Natural Gas and Propane Installation Code"

Revision of the Contents, Clauses 1.1, 2, 3, 4.3.1, 4.5.5, 4.9.1, 4.14.6, 4.14.7, 4.16.2, 5.2.1.1, 5.2.1.2, 5.2.3, 5.5.7, 5.6.1.3, 6.2.17, 6.16.7, 6.16.8, 6.17.1, 6.17.2, 6.21.1, 6.21.7, 6.22.3, 6.26.1, 7.2, 7.4.4, 7.5.2, 7.26.2, 7.27.3, 8.2.3, 8.4.3, 8.14.8, 8.14.12, 8.16.1, and 8.24.2, Tables 5.2 and C.9, and Annex D. Addition of Clauses 6.16.13, 6.16.14, 7.26.7, 7.26.8, 8.9.5, 8.9.6, and 8.21.6. Deletion of Clause 6.25.

B149.2S1-07

Supplement No. 1 to CAN/CSA-B149.2-05, "Propane Storage and Handling Code"

Revision of the Contents, Clauses 3, 5.3.2, 6.1.2–6.1.12, 6.5.1.11, 7.1.1, 7.4.2, 7.8.2–7.8.4, 7.8.7, 7.8.9, 7.11.2, 7.11.3, 7.11.5, and H.1(b), Table D.1, Figure I.1, and the Index. Addition of Clauses 6.1.13–6.1.15. Deletion of Clauses 7.8.10, 8.1.2, 8.1.3, 8.2.1, 8.2.3, 8.2.4, 8.4.1–8.4.6, 8.4.8, and 8.9.

B149.3S1-07

Supplement No. 1 to CAN/CSA-B149.3-05, "Code for the Field Approval of Fuel-Related Components on Appliances and Equipment"

Revision of the Contents, Clauses 4.3.6, 4.5.4, 4.5.6, 4.6.1, 5.3.1, 5.3.2, 7.6.2, 9.2.1, 9.4.1, and 9.4.4, and Annex B. Deletion of Clause 4.5.2 and Table 1.

B149.5S1-07

Supplement No. 1 to CAN/CSA-B149.5-05, "Installation Code for Propane Fuel Systems and Tanks on Highway Vehicles"

Revision of the Contents and Clauses 2 and 4.2.4. Addition of Annex E.



Modifications publiées en français

B105S1-07

Supplément n° 1 à la norme CAN/CGA-B105-M93, «Code régissant les systèmes utilisant le gaz de digestion et les gaz de rebuts» 35 \$

Des modifications ont été apportées à la table des matières, aux articles 2.3, 5.2.1.2, 5.2.2.2, 5.3.3.1, 5.3.3.8, 5.5.2.1, 5.5.2.5, 5.5.2.7, 7.1.2, 7.9.1, 8.7.1, 8.7.2, 8.8.3.1, 9.3.6, 9.4.3, 10 (titre), 15.2.1.2, 15.2.2.1, 15.3.3.1, 15.3.3.8, 15.4.2.2, 15.5.2.1, 15.5.2.5, 15.5.2.7, 17.1.2, 17.6.1, 17.9.1, 18.3.6, 18.4.3 et 19 (titre). Les articles 7.1.3, 9.3.7, 10.6, 17.1.3, 18.3.8 et 19.2 ont été ajoutés.

B149.1S1-07

Supplément n° 1 à la norme CAN/CSA-B149.1-05, «Code d'installation du gaz naturel et du propane»

Des modifications ont été apportées à la table des matières, aux articles 1.1, 2, 3, 4.3.1, 4.5.5, 4.9.1, 4.14.6, 4.14.7, 4.16.2, 5.2.1.1, 5.2.1.2, 5.2.3, 5.5.7, 5.6.1.3, 6.2.17, 6.16.7, 6.16.8, 6.17.1, 6.17.2, 6.21.1, 6.21.7, 6.22.3, 6.26.1, 7.2, 7.4.4, 7.5.2, 7.26.2, 7.27.3, 8.2.3, 8.4.3, 8.14.8, 8.14.12, 8.16.1 et 8.24.2, aux tableaux 5.2 et C.9, et à l'annexe D. Les articles 6.16.13, 6.16.14, 7.26.7, 7.26.8, 8.9.5, 8.9.6 et 8.21.6 ont été ajoutés. L'article 6.25 a été abrogé.

B149.2S1-07

Supplément n° 1 à la norme CAN/CSA-B149.2-05, «Code sur le stockage et la manipulation du propane»

Des modifications ont été apportées à la table des matières, au chapitre 3, aux articles 5.3.2, 6.1.2 à 6.1.12, 6.5.1.11, 7.1.1, 7.4.2, 7.8.2 à 7.8.4, 7.8.7, 7.8.9, 7.11.2, 7.11.3, 7.11.5 et H.1 b), au tableau D.1, à la figure I.1, et à l'index. Les articles 6.1.13 à 6.1.15 ont été ajoutés. Les articles 7.8.10, 8.1.2, 8.1.3, 8.2.1, 8.2.3, 8.2.4, 8.4.1 à 8.4.6, 8.4.8 et 8.9 ont été abrogés.

B149.3S1-07

Supplément n° 1 à la norme CAN/CSA-B149.3-05, «Code d'approbation sur place des composants relatifs au combustible des appareils et appareillages»

Des modifications ont été apportées à la table des matières, aux articles 4.3.6, 4.5.4, 4.5.6, 4.6.1, 5.3.1, 5.3.2, 7.6.2, 9.4.1 et 9.4.4, et à l'annexe B. L'article 4.5.2 et le tableau 1 ont été abrogés.

B149.5S1-07

Supplément n° 1 à la norme CAN/CSA-B149.5-05, «Code d'installation des réservoirs et des systèmes d'alimentation en propane sur les véhicules routiers»

Des modifications ont été apportées à la table des matières, au chapitre 2 et à l'article 4.2.4. L'annexe E a été ajoutée.

Under Development

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Tony Cautillo at 416-747-2212 or tony.cautillo@csa.ca:

- **ANSI/AGA NGV 3.1-1995/CGA 12.3-M95 (R01)**
Fuel System Components for Natural Gas Powered Vehicles

Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standard, contact Tony Cautillo at 416-747-2212 or tony.cautillo@csa.ca:

- **CSA 12.2-02**
Propane Fuel System Components for Use on Highway Vehicles

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
May 1, 2007	Publication of ANSI Z21.58a-2006/ CSA 1.6a-2006, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.58-2005/ CSA 1.6-2005.	Gas Products No. 96
May 1, 2007	Publication of ANSI Z21.47b-2006/ CSA 2.3b-2006, <i>Gas-Fired Central Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.47-2003/ CSA 2.3-2003 and Z21.47a-2004/CSA 2.3a-2004.	Gas Products No. 102
► July 1, 2007	Announcing changes to the venting requirements for products certified to ANSI Z21.13/CSA 4.9, <i>Gas-Fired Boilers</i> ; ANSI Z21.47/CSA 2.3, <i>Gas-Fired Central Furnaces</i> ; ANSI Z21.10.1/CSA 4.1, <i>Gas Water Heaters – Volume 1</i> , and ANSI Z21.10.3/ CSA 4.3, <i>Gas Water Heaters – Volume III</i> .	Gas Products No. 112



Certification Notices (cont'd)

Effective Date	Subject	Title
July 1, 2007	Publication of ANSI Z21.10.1b-2006/ CSA 4.1b-2006, <i>Gas Water Heaters — Volume I, Storage Water Heaters with Input Rates of 75,000 Btu per Hour or Less</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.10.1-2004/CSA 4.1-2004 and ANSI Z21.10.1a-2006/CSA 4.1a-2006.	Gas Products No. 106
July 1, 2007	Publication of addenda ANSI Z21.89a-2006/ CSA 1.18a-2006, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.89-2005/ CSA 1.18-2005.	Gas Products No. 107
► February 1, 2008	Publication of addenda ANSI Z21.58b-2006/ CSA 1.6b-2006, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.58-2005/ CSA 1.6-2005 and ANSI Z21.58a-2006/ CSA 1.6a-2006.	Gas Products No. 113



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

CAN/CSA-C22.2 No. 60601-2-27:06, 2nd edition (bilingual)

Medical electrical equipment — Part 2-27: Particular requirements for the safety, including essential performance, of electrocardiographic monitoring equipment (Adopted CEI/IEC 60601-2-27:2005, second edition, without modification) \$220

This standard specifies the particular safety requirements, including essential performance, for electrocardiographic monitoring equipment. This standard applies to equipment used in a hospital environment.

CAN/CSA-C22.2 No. 60601-2-33:04, 2nd edition (bilingual)

Medical electrical equipment — Part 2-33: Particular requirements for the safety of magnetic resonance equipment for medical diagnosis (Adopted CEI/IEC 60601-2-33:2002, edition 2.1 [2006-02], including Amendment 1:2005, without modification) \$250

This standard applies to magnetic resonance (MR) equipment and MR systems.

This standard establishes requirements for the safety of MR equipment to provide protection for the patient. It also establishes requirements to provide information to the operator, staff associated with MR equipment, and the general public.

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

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-C22.2 n° 60601-2-27:06, 2^e édition (bilingue)

Appareils électromédicaux — Partie 2-27: Exigences particulières de sécurité, incluant les performances essentielles, des appareils de surveillance d'électrocardiographie (norme CEI/IEC 60601-2-27:2005, deuxième édition, adoptée sans modifications).... 220 \$

Cette norme spécifie les exigences particulières relatives à la sécurité, incluant les performances essentielles des appareils de surveillance d'électrocardiographie. Cette norme s'applique aux appareils utilisés dans l'environnement hospitalier.

CAN/CSA-C22.2 n° 60601-2-33:04, 2^e édition (bilingue)

Appareils électromédicaux — Partie 2-33: Règles particulières de sécurité relatives aux appareils à résonance magnétique utilisés pour le diagnostic médical (norme CEI/IEC 60601-2-33:2002, édition 2.1 [2006-02], comprenant l'amendement 1:2005, adoptée sans modifications) 250 \$



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-C22.2 n° 60601-2-33:04 (suite)

Cette norme s'applique aux appareils à résonance magnétique (RM) et aux systèmes à RM.

Cette norme établit les exigences de sécurité des appareils à RM afin d'assurer la protection du patient. Elle établit des exigences pour fournir des informations à l'opérateur, au personnel associé aux appareils à RM et au grand public.

Cette norme est offerte en format PDF seulement.

Z275.5-05, 1^{re} édition

Formation des plongeurs professionnels 95 \$

Cette norme vise les candidats plongeurs professionnels ainsi que les organismes, les instructeurs et les installations de formation. Elle décrit les exigences relatives à l'évaluation des candidats, aux qualifications des instructeurs et à l'équipement minimal pour chaque niveau de formation. Cette norme fournit également des lignes directrices sur l'audit des installations et des programmes de formation des plongeurs. L'objectif visé est de faire en sorte que les niveaux de compétence établis par la CAN/CSA-Z275.4 soient atteints dans le cadre des programmes offerts par les installations de formation accréditées et que les plongeurs qui réussissent ces programmes soient considérés comme compétents par rapport au niveau de formation reçu, conformément à la CAN/CSA-Z275.4.

Z305.12-06, 2^e édition

Entreposage, manipulation et utilisation sans danger d'appareils portatifs d'alimentation en oxygène dans les habitations et les établissements de santé 60 \$

Cette norme s'applique à l'entreposage, à la manipulation et à l'utilisation sans danger des appareils portatifs d'alimentation en oxygène (qui fournissent de l'oxygène thérapeutique dans des bouteilles d'oxygène haute pression, des appareils de distribution d'oxygène liquide et des concentrateurs d'oxygène) dans les habitations et les établissements de santé.

Amendments

CAN/CSA-Z314.22-04

Management of Loaned, Shared, and Leased Medical Devices

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

Modifications publiées en français

CAN/CSA-Z314.22-04

Gestion des dispositifs médicaux empruntés, partagés et loués

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

Reaffirmed Standards

B167-96 (R2007)

Safety Standard for Maintenance and Inspection of Overhead Cranes, Gantry Cranes, Monorails, Hoists, and Trolleys

CAN/CSA-CEI/IEC 1258-98 (R2007)

Guidelines for the development and use of medical electrical equipment educational materials
(Adopted CEI/IEC 1258:1994, first edition, without modification)

CAN/CSA-CEI/IEC 1288-1-98 (R2007)

Cardiac defibrillators — Cardiac defibrillators-monitors — Part 1: Operation
(Adopted CEI/IEC 1288-1:1993, first edition, without modification)

CAN/CSA-CEI/IEC 1288-2-98 (R2007)

Cardiac defibrillators — Cardiac defibrillators-monitors — Part 2: Maintenance
(Adopted CEI/IEC 1288-2:1993, first edition, without modification)

CAN/CSA-CEI/IEC 1289-1-98 (R2007)

High frequency surgical equipment — Part 1: Operation
(Adopted CEI/IEC 1289-1:1994, first edition, without modification)

CAN/CSA-CEI/IEC 1289-2-98 (R2007)

High frequency surgical equipment — Part 2: Maintenance
(Adopted CEI/IEC 1289-2:1994, first edition, without modification)

CAN/CSA-D409-02 (R2007)

Motor Vehicles for the Transportation of Persons With Physical Disabilities

CAN/CSA-Z195-02 (R2007)

Protective Footwear

CAN/CSA-Z314.8-00 (R2007)

Decontamination of Reusable Medical Devices

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

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



Reaffirmed Standards (cont'd)

CAN/CSA-Z15002-02 (R2007)

Flow-metering devices for connection to terminal units of medical gas pipeline systems
(Adopted ISO 15002:2000, first edition, with Canadian deviations)

Withdrawn Standards

CAN/CSA-Z168.5.1-97 (R2001)

Anaesthesia Ventilators

Z318.1-95 (R2001)

Commissioning of HVAC Systems in Health Care Facilities

Z318.2-95 (R2001)

Commissioning of Building Control Systems in Health Care Facilities

Z318.3-95 (R2001)

Commissioning of Plumbing Systems in Health Care Facilities

Z318.4-95 (R2001)

Commissioning of Fire Protection Systems in Health Care Facilities

Z318.5-95 (R2001)

Commissioning of Electrical Equipment and Systems in Health Care Facilities

Z318.6-95 (R2001)

Commissioning of Medical Gas Systems in Health Care Facilities

Z318.7-95 (R2001)

Commissioning of Communication Systems in Health Care Facilities

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Jeet Tulshi at 416-747-2603 or jeet.tulshi@ca.ca:

- **B44.2, 1st edition**
Maintenance requirements and intervals for elevators, dumbwaiters, escalators and moving walks for Canada
- **B625, 1st edition**
UN Portable Tanks

Notice of Intent (cont'd)

For more information about the proposed development of the following new projects, contact Mike Dodd at 416-747-2322 or mike.dodd@csa.ca:

- **B620, 4th edition**
Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods
- **B621, 4th edition**
Selection and Use of Highway Tanks, Portable Tanks, Cargo Compartments and Containers for the Transportation of Dangerous Goods, Classes 3, 4, 5, 6.1, 8, and 9
- **B622 4th edition**
Selection and Use of Highway Tanks, Multi-Unit Tank Car Tanks, and Portable Tanks for the Transportation of Dangerous Goods, Class 2

For more information about the proposed development of the following new project, contact Walter Dick at 416-747-5563 or walter.dick@csa.ca:

- **C225, 5th edition**
Vehicle-Mounted Aerial Devices

For more information about the proposed development of the following new project, contact Cathryn Cortisoz at 416-747-2594 or cathryn.cortisoz@csa.ca:

- **Z386, 3rd edition**
Laser Safety in Health Care Facilities

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
June 1, 2007	Publication of CSA standard Z259.10-06, <i>Full Body Harnesses</i> .	Occupational Health & Safety Products No. 47
July 1, 2007	Publication of Update No. 4 to CSA standard Z259.2.1-98, <i>Fall Arresters, Vertical Lifelines and Rails</i> .	Occupational Health & Safety Products No. 48

Completed Projects / Projets terminés

Reaffirmed Standards

CAN3-Z107.54-M85 (R2007)

Procedure for Measurement of Sound and Vibration due to Blasting Operations

CAN/CSA-Z107.55-M86 (R2007)

Recommended Practice for the Prediction of Sound Levels Received at a Distance from an Industrial Plant

CAN3-Z299.0-86 (R2007)

Guide for Selecting and Implementing the CAN3-Z299-85 Quality Assurance Program Standards

CAN3-Z299.1-85 (R2007)

Quality Assurance Program — Category 1

CAN3-Z299.2-85 (R2007)

Quality Assurance Program — Category 2

CAN3-Z299.3-85 (R2007)

Quality Assurance Program — Category 3

CAN3-Z299.4-85 (R2007)

Quality Assurance Program — Category 4

Withdrawn Standards

CAN/CSA-CEI/IEC 300-2-97 (R2002)

Dependability management — Part 2: Dependability programme elements and tasks
(Adopted CEI/IEC 300-2:1995, first edition, without modification)

CAN/CSA-CEI/IEC 1160-96 (R2001)

Formal design review (Adopted CEI/IEC 1160:1992, first edition, without modification)

Q631-97 (R2002)

Reliability, Availability, and Maintainability Definitions

Q635-95 (R2001)

Guide to Life Cycle Costing

Q636-93 (R2001)

Guidelines and Requirements for Reliability Analysis Methods



Withdrawn Standards (cont'd)

CAN/CSA-Q706.4-96 (R2001)

Guide on Maintainability of Equipment — Part 4: Section 8 — Maintenance and Maintenance Support Planning (Adopted CEI/IEC 706-4:1992, first edition, with Canadian deviations)

Under Development

Proposed Withdrawal of Standards

For more information about CSA's proposed withdrawal of its endorsement of the following ISO standards, contact Ian Brodie at 416-747-2670 or ian.brodie@csa.ca:

- **ISO 704:2000**
Terminology Work — Principles and Methods
- **ISO 1087-1:2000**
Terminology Work — Vocabulary — Part 1: Theory and Application
- **ISO 1087-2:2000**
Terminology Work — Vocabulary — Part 2: Computer Applications



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