



**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.

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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. You have 60 days from the date of this issue of *Info Update* to comment on any item listed in this section. 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.

After the expiry date for public comments, you can buy the public review drafts, up until the approval stage, for \$50 (plus shipping and handling). *Please note:* Drafts are works in progress and have no official status. They are not a substitute for the final, approved standards and amendments. Do not use them 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.

▼ 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*.

▼ 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.

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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.

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Communications/Information

[CAN/CSA-ISO/IEC 2382-7:04, 1st edition \(bilingual\)](#)

Information Technology—Vocabulary—Part 7: Computer Programming
(Adopted ISO/IEC 2382-7:2000)

[CAN/CSA-ISO/IEC 6592:04, 1st edition](#)

Information Technology—Guidelines for the Documentation of Computer-Based Application Systems (Adopted ISO/IEC 6592:2000)

[CAN/CSA-ISO/IEC 6937:04, 1st edition](#)

Information Technology—Coded Graphic Character Set for Text Communication—Latin Alphabet
(Adopted ISO/IEC 6937:2001)

[CAN/CSA-ISO/IEC 7810:04, 2nd edition](#)

Identification Cards—Physical Characteristics (Adopted ISO/IEC 7810:2003)

[CAN/CSA-ISO/IEC 7812-1:04, 1st edition](#)

Identification Cards—Identification of Issuers—Part 1: Numbering System
(Adopted ISO/IEC 7812-1:2000)

[CAN/CSA-ISO/IEC 7812-2:04, 1st edition](#)

Identification Cards—Identification of Issuers—Part 2: Application and Registration Procedures (Adopted ISO/IEC 7812-2:2000)

[CAN/CSA-ISO/IEC 7816-9:04, 1st edition](#)

Identification Cards—Integrated Circuit(s) Cards with Contacts—Part 9: Additional Interindustry Commands and Security Attributes (Adopted ISO/IEC 7816-9:2000)

[CAN/CSA-ISO/IEC TR 8802-1:04, 1st edition](#)

Information Technology—Telecommunications and Information Exchange Between Systems—Local and Metropolitan Area Networks—Specific Requirements—Part 1: Overview of Local Area Network Standards (Adopted ISO/IEC TR 8802-1:2001)

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Information Technology—Abstract Syntax Notation One (ASN.1): Specification of Basic Notation
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(Adopted ISO/IEC 8824-3:2002)

[CAN/CSA-ISO/IEC 8824-4:04, 3rd edition](#)

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[CAN/CSA-ISO/IEC TR 9126-2:04, 1st edition](#)

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Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Specification, Functional Model and Information Flows–Recall Supplementary Service (Adopted ISO/IEC 15051:2003)

Communications/Information (conf'd)

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Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Specification, Functional Model and Information Flows–Call Interception Additional Network Feature
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Amendments

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- CAN/CSA-ISO/IEC 9075-5:02, TC 2**
Technical Corrigendum 2:2004 to CAN/CSA-ISO/IEC 9075-5:02, "Information Technology–Database Languages–SQL–Part 5: Host Language Bindings (SQL/Bindings)"
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- CAN/CSA-ISO/IEC 10179A-96**
Amendment 1:2004, "Extensions to DSSSL," to CAN/CSA-ISO/IEC 10179-96,
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 (Adopted Amendment 1:2003 to ISO/IEC 10179:1996) \$185



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CAN/CSA-ISO/IEC 10373-6B:02

Amendment 2:2004, "Improved RF Test Methods," to CAN/CSA-ISO/IEC 10373-6:02, "Identification Cards–Test Methods–Part 6: Proximity Cards"
 (Adopted Amendment 2:2003 to ISO/IEC 10373-6:2001) \$15

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Amendment 1:2004, "Carriage of Metadata Over ITU-T Rec. H.222.0/ISO 13818-1 Streams," to CAN/CSA-ISO/IEC 13818-1:02, "Information Technology–Generic Coding of Moving Pictures and Associated Audio Information: Systems"
 (Adopted Amendment 1:2003 to ISO/IEC 13818-1:2000) \$100

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Amendment 2:2004, "Support of IPMP on MPEG-2 Systems," to CAN/CSA-ISO/IEC 13818-1:02, "Information Technology–Generic Coding of Moving Pictures and Associated Audio Information: Systems"
 (Adopted Amendment 2:2004 to ISO/IEC 13818-1:2000) \$15

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Amendment 1:2004, "Embedding of Bandwidth Extension," to CAN/CSA-ISO/IEC 13818-7:04, "Information Technology–Generic Coding of Moving Pictures and Associated Audio Information–Part 7: Advanced Audio Coding (AAC)"
 (Adopted Amendment 1:2004 to ISO/IEC 13818-7:2003) \$15

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Amendment 2:2004, "Extension of Adaptive Templates for Halftone Coding," to CAN/CSA-ISO/IEC 14492:04, "Information Technology–Lossy/Lossless Coding of Bi-Level Images" (Adopted Amendment 2:2003 to ISO/IEC 14492:2001) \$15

CAN/CSA-ISO/IEC 14496-1D:02

Amendment 4:2004, "SL Extensions and AFX Streams," to CAN/CSA-ISO/IEC 14496-1:02, "Information Technology–Coding of Audio-Visual Objects–Part 1: Systems"
 (Adopted Amendment 4:2003 to ISO/IEC 14496-1:2001) \$15

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Amendment 1:2004, "Bandwidth Extension," to CAN/CSA-ISO/IEC 14496-3:04, "Information Technology–Coding of Audio-Visual Objects–Part 3: Audio"
 (Adopted Amendment 1:2003 to ISO/IEC 14496-3:2001) \$195

CAN/CSA-ISO/IEC 14651A:02

Amendment 1:2004 to CAN/CSA-ISO/IEC 14651:02, "Information Technology–International String Ordering and Comparison–Method of Comparing Character Strings and Description of the Common Template Tailorable Ordering"
 (Adopted Amendment 1:2003 to ISO/IEC 14651:2001) \$15

Amendments (cont'd)

CAN/CSA-ISO/IEC 15444-1:04, TC 1

Technical Corrigendum 1:2004 to CAN/CSA-ISO/IEC 15444-1:04, “Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System”
(Adopted Technical Corrigendum 1:2002 to ISO/IEC 15444-1:2000).

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Technical Corrigendum 2:2004 to CAN/CSA-ISO/IEC 15444-1:04, “Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System”
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CAN/CSA-ISO/IEC 15444-1:04, TC 3

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

Amendment 1:2004, “Codestream Restrictions,” to CAN/CSA-ISO/IEC 15444-1:04, “Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System”
(Adopted Amendment 1:2002 to ISO/IEC 15444-1:2000) \$15

CAN/CSA-ISO/IEC 15444-5A:04

Amendment 1:2004, “Reference Software for the JP2 File Format,” to CAN/CSA-ISO/IEC 15444-5:04, “Information Technology–JPEG 2000 Image Coding System: Reference Software” (Adopted Amendment 1:2003 to ISO/IEC 15444-5:2003)..... \$40

CAN/CSA-ISO/IEC 15504-2:04, TC 1

Technical Corrigendum 1:2004 to CAN/CSA-ISO/IEC 15504-2:04, “Software Engineering–Process Assessment–Part 2: Performing an Assessment”
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Technical Corrigendum 1:2004 to CAN/CSA-ISO/IEC 15693-2:04, “Identification Cards–Contactless Integrated Circuit(s) Cards–Vicinity Cards–Part 2: Air Interface and Initialization” (Adopted Technical Corrigendum 1:2001 to ISO/IEC 15693-2:2000).

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CAN/CSA-Z243.134-M88, TC 1

Technical Corrigendum 1:2004 to CAN/CSA-Z243.134-M88, “Information Processing Systems–Open Systems Interconnection–Internal Organization of the Network Layer” (Adopted Technical Corrigendum 1:1991 to ISO 8648-1988).

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CAN/CSA-Z243.180-89, TC 1

Technical Corrigendum 1:2004 to CAN/CSA-Z243.180-89, “Information Processing Systems–Open Systems Interconnection–File Transfer, Access and Management–Part 1: General Introduction”

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Technical Corrigendum 1:2004 to CAN/CSA-Z243.181-89, “Information Processing Systems–Open Systems Interconnection–File Transfer, Access and Management–Part 2: Virtual Filestore Definition”

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

Modification 1:2004, « Acheminement des métadonnées sur les flux Rec. UIT-T H.222.0 | ISO/CEI 13818-1 », 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° 1:2003, adoptée)..... 100 \$

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Modification 2:2004, « Prise en charge de la gestion et protection de la propriété intellectuelle (IPMP) dans les systèmes MPEG-2 », à la norme CAN/CSA-ISO/CEI 13818-1:02, « Technologies de l'information–Codage générique des images animées et du son associé: Systèmes »

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Modification 1:2004 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° 1:2003, adoptée)..... 15 \$

Reaffirmed Standards

CAN/CSA-ISO/IEC-2022-96 (R2004)

Information Technology—Character Code Structure and Extension Techniques (Adopted ISO/IEC 2022:1994)

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Information Technology—Protocol for Providing the Connectionless-Mode Network Service—Part 2: Provision of the Underlying Service By an ISO/IEC 8802 Subnetwork (Adopted ISO/IEC 8473-2:1996)

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CAN/CSA-ISO/IEC 8613-5-95 (R2004)

Information Technology—Open Document Architecture (ODA) and Interchange Format—Part 5: Open Document Interchange Format (Adopted ISO/IEC 8613-5:1994)



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CAN/CSA-ISO/IEC-8613-6-96 (R2004)

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CAN/CSA-ISO/IEC-9973-96 (R2004)

Information Technology–Computer Graphics and Image Processing–Procedures for Registration of Graphical Items (Adopted ISO/IEC 9973:1994)

CAN/CSA-ISO/IEC 10026-1-00 (R2004)

Information Technology–Open Systems Interconnection–Distributed Transaction Processing–Part 1: OSI TP Model (Adopted ISO/IEC 10026-1:1998)

CAN/CSA-ISO/IEC 10026-2-00 (R2004)

Information Technology–Open Systems Interconnection–Distributed Transaction Processing–Part 2: OSI TP Service (Adopted ISO/IEC-10026-2:1998)

CAN/CSA-ISO/IEC 10026-3-00 (R2004)

Information Technology–Open Systems Interconnection–Distributed Transaction Processing–Part 3: Protocol Specification (Adopted ISO/IEC-10026-3:1998)

CAN/CSA-ISO/IEC 10026-6-00 (R2004)

Information Technology–Open Systems Interconnection–Distributed Transaction Processing–Part 6: Unstructured Data Transfer (Adopted ISO/IEC-10026-6:1995)

CAN/CSA-ISO/IEC 10118-3-01 (R2004)

Information Technology–Security Techniques–Hash-Functions–Part 3: Dedicated Hash-Functions (Adopted ISO/IEC 10118-3:1998)

CAN/CSA-ISO/IEC-10164-1-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Object Management Function (Adopted ISO/IEC 10164-1:1993)

CAN/CSA-ISO/IEC-10164-2-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: State Management Function (Adopted ISO/IEC 10164-2:1993)

CAN/CSA-ISO/IEC-10164-3-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Attributes for Representing Relationships (Adopted ISO/IEC 10164-3:1993)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-10164-4-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Alarm Reporting Function (Adopted ISO/IEC 10164-4:1992)

CAN/CSA-ISO/IEC-10164-5-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Attributes for Representing Relationships (Adopted ISO/IEC 10164-5:1993)

CAN/CSA-ISO/IEC-10164-6-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Log Control Function (Adopted ISO/IEC 10164-6:1993)

CAN/CSA-ISO/IEC-10164-7-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Security Alarm Reporting Function (Adopted ISO/IEC 10164-7:1992)

CAN/CSA-ISO/IEC-10164-7A-95 (R2004)

Amendment 1:1996, “Implementation Conformance Statement Proformas” to CAN/CSA-ISO/IEC 10164-7-95, Information Technology–Open Systems Interconnection–Systems Management: Security Alarm Reporting Function (Adopted Amendment 1:1995 to ISO/IEC 10164-7:1992)

CAN/CSA-ISO/IEC-10164-8-95 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Security Audit Trail Function (Adopted ISO/IEC 10164-8:1993)

CAN/CSA-ISO/IEC-10164-12-96 (R2004)

Information Technology–Open Systems Interconnection–Systems Management: Test Management Function (Adopted ISO/IEC 10164-12:1994)

CAN/CSA-ISO/IEC-10179-96 (R2004)

Information Technology–Processing Languages–Document Style Semantics and Specification Language (DSSSL) (Adopted ISO/IEC 10179:1996)

CAN/CSA-ISO/IEC 10514-1-00 (R2004)

Information Technology–Programming Languages–Part 1: Modula-2, Base Language (Adopted ISO/IEC-10514-1:1996)

CAN/CSA-ISO/IEC ISP 10609-40-00 (R2004)

Information Technology–International Standardized Profiles TB, TC, TD and TE–Connection-Mode Transport Service Over Connection-Mode Network Service–Part 40:Definition of Profile TD113I (Adopted ISO/IEC ISP 10609-40:1995)

CAN/CSA-ISO/IEC-10612-1-96 (R2004)

Information Technology–International Standardized Profile RD–Relaying Themac Service Using Transparent Bridging–Part 1: Subnetwork–Independent Requirements (Adopted ISO/IEC ISP 10612-1:1995)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-10612-2-96 (R2004)

Information Technology–International Standardized Profile RD–Relaying Themac Service Using Transparent Bridging–Part 2: CSMA/CD LAN Subnetwork-Dependent, Media-Dependent Requirements (Adopted ISO/IEC ISP 10612-2:1995)

CAN/CSA-ISO/IEC-10612-4-96 (R2004)

Information Technology–International Standardized Profile RD–Relaying the MAC Service Using Transparent Bridging–Part 4: Profile 51 (CSMA/CD LAN–CSMA/CD LAN) (Adopted ISO/IEC ISP 10612-4:1995)

CAN/CSA-ISO/IEC-10731-96 (R2004)

Information Technology–Open Systems Interconnection–Basic Reference Model–Conventions for the Definition of OSI Services (Adopted ISO/IEC 10731:1994)

CAN/CSA-ISO/IEC-10745-96 (R2004)

Information Technology–Open Systems Interconnection–Upper Layers Security Model (Adopted ISO/IEC 10745:1995)

CAN/CSA-ISO/IEC-10967-1-96 (R2004)

Information Technology–Language Independent Arithmetic–Part 1: Integer and Floating Point Arithmetic (Adopted ISO/IEC 10967-1:1994)

CAN/CSA-ISO/IEC-11172-4-96 (R2004)

Information Technology–Coding of Moving Pictures and Associated Audio for Digital Storage Media Up to About 1,5 Mbit/s–Part 4: Compliance Testing (Adopted ISO/IEC 11172-4:1995)

CAN/CSA-ISO/IEC 11179-6-00 (R2004)

Information Technology–Specification and Standardization of Data Elements–Part 6: Registration of Data Elements (Adopted ISO/IEC 11179-6:1997)

CAN/CSA-ISO/IEC ISP 11185-12-00 (R2004)

Information Technology–International Standardized Profiles FVT2NN–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 12: FVT2116–Generalized Telnet Synch Control Object; FVT2117–Generalized Telnet Signal Control Object; FVT2118–Generalized Telnet Negotiation Control Object; FVT2119–Generalized Telnet Subnegotiation Control Object (Adopted ISO/IEC ISP 11185-12:1995)

CAN/CSA-ISO/IEC ISP 11185-13-00 (R2004)

Information Technology–International Standardized Profiles FVT2NN–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 13: FVT2111–Waiting Time Control Object (Adopted ISO/IEC ISP 11185-13:1995)

CAN/CSA-ISO/IEC ISP 11185-14-00 (R2004)

Information Technology–International Standardized Profiles FVT2NN–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 14: FVT2112–Printer Control Object (Adopted ISO/IEC ISP 11185-14:1995)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC ISP 11185-15-00 (R2004)

Information Technology–International Standardized Profiles FVT2NN–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 15: FVT2113–Field Definition Management Control Object (Adopted ISO/IEC ISP 11185-15:1995)

CAN/CSA-ISO/IEC ISP 11185-16-00 (R2004)

Information Technology–International Standardized Profiles FVT2NN–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 16: FVT2114–Terminal Signal Titles Control Object (Adopted ISO/IEC ISP 11185-16:1995)

CAN/CSA-ISO/IEC ISP 11185-17-00 (R2004)

Information Technology–International Standardized Profiles FVT2NN–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 17: FVT2115–Help Text Control Object (Adopted ISO/IEC ISP 11185-17:1995)

CAN/CSA-ISO/IEC ISP 11187-4-00 (R2004)

Information Technology–International Standardized Profiles AVT1N, AVT2N–Virtual Terminal Basic Class–Application Profiles–Part 4: AVT23–S-Mode Paged Application Profile (Adopted ISO/IEC ISP 11187-4:1996)

CAN/CSA-ISO/IEC ISP 11187-5-00 (R2004)

Information Technology–International Standardized Profiles AVT1N, AVT2N–Virtual Terminal Basic Class–Application Profiles–Part 5: AVT16–A-Mode Generalize D Telnet Application Profile (Adopted ISO/IEC ISP 11187-5:1996)

CAN/CSA-ISO/IEC ISP 11187-6-00 (R2004)

Information Technology–International Standardized Profiles AVT1N, AVT2N–Virtual Terminal Basic Class–Application Profiles–Part 6: AVT15–A-Mode Transparent Application Profile (Adopted ISO/IEC ISP 11187-6:1996)

CAN/CSA-ISO/IEC ISP 11188-1-00 (R2004)

Information Technology–International Standardized Profile–Common Upper Layer Requirements–Part 1: Basic Connection Oriented Requirements (Adopted ISO/IEC ISP 11188-1:1995)

CAN/CSA-ISO/IEC ISP 11188-2-00 (R2004)

Information Technology–International Standardized Profile–Common Upper Layer Requirements–Part 2: Basic Connection Oriented Requirements for Rose-Based Profiles (Adopted ISO/IEC ISP 11188-2:1996)

CAN/CSA-ISO/IEC ISP 11188-3-00 (R2004)

Information Technology–International Standardized Profile–Common Upper Layer Requirements–Part 3: Minimal OSI Upper Layer Facilities (Adopted ISO/IEC ISP 11188-3:1996)

CAN/CSA-ISO/IEC ISP 11190-00 (R2004)

Information Technology–International Standardized Profile FD13–Directory Data Definitions–FTAM Use of the Directory (Adopted ISO/IEC ISP 11190:1995)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-11411-96 (R2004)

Information Technology—Representation for Human Communication of State Transition of Software (Adopted ISO/IEC 11411:1995)

CAN/CSA-ISO/IEC-11575-96 (R2004)

Information Technology—Telecommunications and Information Exchange Between Systems—Protocol Mappings for the OSI Data Link Service (Adopted ISO/IEC 11575:1995)

CAN/CSA-ISO/IEC-12059-0-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 0: Common Definitions for Management Function Profiles (Adopted ISO/IEC ISP 12059-0:1995)

CAN/CSA-ISO/IEC-12059-1-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 1: Object Management (Adopted ISO/IEC ISP 12059-1:1995)

CAN/CSA-ISO/IEC-12059-2-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 2: State Management (Adopted ISO/IEC ISP 12059-2:1995)

CAN/CSA-ISO/IEC-12059-3-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 3: Attributes for Representing Relationships (Adopted ISO/IEC ISP 12059-3:1995)

CAN/CSA-ISO/IEC-12059-4-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 4: Alarm Reporting (Adopted ISO/IEC ISP 12059-4:1995)

CAN/CSA-ISO/IEC-12059-5-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 5: Event Report Management (Adopted ISO/IEC ISP 12059-5:1995)

CAN/CSA-ISO/IEC-12059-6-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 6: Log Control (Adopted ISO/IEC ISP 12059-6:1995)

CAN/CSA-ISO/IEC ISP 12059-13-00 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Common Information for Management Functions—Part 13: Summarization (Adopted ISO/IEC ISP 12059-13:1996)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-12060-1-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Management Functions—Part 1: AOM211—General Management Capability
(Adopted ISO/IEC ISP 12060-1:1995)

CAN/CSA-ISO/IEC-12060-2-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Management Functions—Part 2: AOM212—Alarm Reporting and State Management Capabilities (Adopted ISO/IEC ISP 12060-2:1995)

CAN/CSA-ISO/IEC-12060-3-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Management Functions—Part 3: AOM213—Alarm Reporting Capabilities
(Adopted ISO/IEC ISP 12060-3:1995)

CAN/CSA-ISO/IEC-12060-4-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Management Functions—Part 4: AOM221—General Event Report Management
(Adopted ISO/IEC ISP 12060-4:1995)

CAN/CSA-ISO/IEC-12060-5-96 (R2004)

Information Technology—International Standardized Profiles—OSI Management—Management Functions—Part 5: AOM231—General Log Control
(Adopted ISO/IEC ISP 12060-5:1995)

CAN/CSA-ISO/IEC 12061-1-96 (R2004)

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

CAN/CSA-ISO/IEC-12061-2-96 (R2004)

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

CAN/CSA-ISO/IEC-12061-3-96 (R2004)

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

CAN/CSA-ISO/IEC-12061-4-96 (R2004)

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



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-12061-5-96 (R2004)

Information Technology-Open Systems Interconnection-International Standardized Profiles: OSI Distributed Transaction Processing-Part 5: Application Supported Transactions-Polarized Control (ATP11) (Adopted ISO/IEC ISP 12061-5:1995)

CAN/CSA-ISO/IEC-12061-6-96 (R2004)

Information Technology-Open Systems Interconnection-International Standardized Profiles: OSI Distributed Transaction Processing-Part 6: Application Supported Transactions-Shared Control (ATP12) (Adopted ISO/IEC ISP 12061-6:1995)

CAN/CSA-ISO/IEC-12061-7-96 (R2004)

Information Technology-Open Systems Interconnection-International Standardized Profiles: OSI Distributed Transaction Processing-Part 7: Provider Supported Unchained Transactions-Polarized Control (ATP21) (Adopted ISO/IEC ISP 12061-7:1995)

CAN/CSA-ISO/IEC-12061-8-96 (R2004)

Information Technology-Open Systems Interconnection-International Standardized Profiles: OSI Distributed Transaction Processing-Part 8: Provider Supported Unchained Transactions-Shared Control (ATP22) (Adopted ISO/IEC ISP 12061-8:1995)

CAN/CSA-ISO/IEC-12061-9-96 (R2004)

Information Technology-Open Systems Interconnection-International Standardized Profiles: OSI Distributed Transaction Processing-Part 9: Provider Supported Chained Transactions-Polarized Control (ATP31) (Adopted ISO/IEC ISP 12061-9:1995)

CAN/CSA-ISO/IEC-12061-10-96 (R2004)

Information Technology-Open Systems Interconnection-International Standardized Profiles: OSI Distributed Transaction Processing-Part 10: Provider Supported Chained Transactions-Shared Control (ATP32) (Adopted ISO/IEC ISP 12061-10:1995)

CAN/CSA-ISO/IEC ISP 12064-1-00 (R2004)

Information Technology-International Standardized Profile FOD112-Open Document Format: Image Applications-Simple Document Structure-Raster Graphics Content Architecture-Part 1: Document Application Profile (DAP) (Adopted ISO/IEC ISP 12064-1:1995)

CAN/CSA-ISO/IEC ISP 12069-1-00 (R2004)

Information Technology-International Standardized Profiles ADFNN-Document Filing and Retrieval (DFR)-Part 1: Introduction to the DFR ISP (Adopted ISO/IEC ISP 12069-1:1996)

CAN/CSA-ISO/IEC ISP 12069-3-00 (R2004)

Information Technology-International Standardized Profiles ADFNN-Document Filing and Retrieval (DFR)-Part 3: ADF11-Common Document Filing and Retrieval-Read Only Profile (Adopted ISO/IEC ISP 12069-3:1996)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 12087-1-00 (R2004)

Information Technology—Computer Graphics and Image Processing—Image Processing and Interchange (IPI)—Functional Specification—Part 1: Common Architecture for Imaging (Adopted ISO/IEC 12087-1:1995)

CAN/CSA-ISO/IEC 12087-2-00 (R2004)

Information Technology—Computer Graphics and Image Processing—Image Processing and Interchange (IPI)—Functional Specification—Part 2: Programmer's Imaging Kernel System Application Program Interface (Adopted ISO/IEC 12087-2:1994)

CAN/CSA-ISO/IEC 12088-4-00 (R2004)

Information Technology—Computer Graphics and Image Processing—Image Processing and Interchange—Application Program Interface Language Bindings—Part 4: C (Adopted ISO/IEC 12088-4:1995)

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

Information Technology—Software Packages—Quality Requirements and Testing (Adopted ISO/IEC 12119:1994)

CAN/CSA-ISO/IEC 12207-96 (R2004)

Information Technology—Software Life Cycle Processes (Adopted ISO/IEC 12207:1995)

CAN/CSA-ISO/IEC 13522-1-00 (R2004)

Information Technology—Coding of Multimedia and Hypermedia Information—Part 1: MHEG Object Representation—Base Notation (ASN.1) (Adopted ISO/IEC 13522-1:1997)

CAN/CSA-ISO/IEC 13522-3-00 (R2004)

Information Technology—Coding of Multimedia and Hypermedia Information—Part 3: MHEG Script Interchange Representation (Adopted ISO/IEC 13522-3:1997)

CAN/CSA-ISO/IEC 13575-96 (R2004)

Information Technology—Telecommunications and Information Exchange Between Systems—50-Pole Interface Connector Mateability Dimensions and Contact Number Assignments (Adopted ISO/IEC 13575:1995)

CAN/CSA-ISO/IEC 13614-00 (R2004)

Information Technology—Interchange on 300 mm Optical Disk Cartridges of the Write Once, Read Multiple (WORM) Type Using the SSF Method (Adopted ISO/IEC 13614:1995)

CAN/CSA-ISO/IEC 13712-1-00 (R2004)

Information Technology—Remote Operations: Concepts, Model and Notation (Adopted ISO/IEC 13712-1:1995)

CAN/CSA-ISO/IEC 13712-1A-00 (R2004)

Amendment 1:2000 to CAN/CSA-ISO/IEC 13712-1-00, Information Technology—Remote Operations: Concepts, Model and Notation—Amendment 1: Built-In Operations (Adopted Amendment 1:1996 to ISO/IEC 13712-1:1995)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-13714-96 (R2004)

Information Technology–Document Processing and Related Communication–User Interface to Telephone-Based Services–Voice Messaging Applications (Adopted ISO/IEC 13714:1995)

CAN/CSA-ISO/IEC 13719-2-00 (R2004)

Information Technology–Portable Common Tool Environment (PCTE)–Part 2: C Programming Language Binding (Adopted ISO/IEC 13719-2:1998)

CAN/CSA-ISO/IEC 13842-00 (R2004)

Information Technology–130 mm Optical Disk Cartridges for Information Interchange–Capacity: 2 Gbytes Per Cartridge (Adopted ISO/IEC 13842:1995)

CAN/CSA-ISO/IEC-14102-96 (R2004)

Information Technology–Guideline for the Evaluation and Selection of Case Tools (Adopted ISO/IEC 14102:1995)

CAN/CSA-ISO/IEC 14568-00 (R2004)

Information Technology–DXL: Diagram Exchange Language for Tree-Structured Charts (Adopted ISO/IEC 14568:1997)

CAN/CSA-ISO/IEC 15802-1-96 (R2004)

Information Technology–Telecommunications and Information Exchange Between Systems–Local and Metropolitan Area Networks–Common Specifications Part 1: Medium Access Control (MAC) Service Definition (Adopted ISO/IEC 15802-1:1995)

CAN/CSA-ISO/IEC 15802-2-00 (R2004)

Information Technology–Telecommunications and Information Exchange Between Systems–Local and Metropolitan Area Networks–Common Specifications–Part 2: LAN/MAN Management (Adopted ISO/IEC 15802-2:1995)

CAN/CSA-ISO/IEC-15802-4-96 (R2004)

Information Technology–Telecommunications and Information Exchange Between Systems–Local and Metropolitan Area Networks–Common Specifications–Part 4: System Load Protocol (Adopted ISO/IEC 15802-4:1994)

CSA has reaffirmed its endorsement of the following ISO standard:

ISO 6160-1979

Programming Languages–P/1

Withdrawn Standards

CAN/CSA-T512-M91 (R1999)

Functional and Compatibility Requirements for Private Branch Exchange (PBX) Switching Equipment for Voiceband Applications



Under Development

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 11, 2005.

Proposed Adoptions

For more information about the proposed adoption of the following ISO/IEC standards, contact Tom Bartoffy at 416-747-2636 or tom.bartoffy@csa.ca:

- **ISO/IEC 1539-1:2004**
Information Technology—Programming Languages—Fortran—Part 1: Base Language
- **ISO/IEC 5218:2004**
Information Technology—Codes for the Representation of Human Sexes
- **ISO/IEC 7811-7:2004**
Identification Cards—Recording Technique—Part 7: Magnetic Stripe—High Coercivity, High Density
- **ISO/IEC 7816-5:2004**
Identification Cards—Integrated Circuit Cards—Part 5: Registration of Application Providers
- **ISO/IEC 7816-6:2004**
Identification Cards—Integrated Circuit Cards—Part 6: Interindustry Data Elements for Interchange
- **ISO/IEC 7816-8:2004**
Identification Cards—Integrated Circuit Cards—Part 8: Commands for Security Operations
- **ISO/IEC 7816-9:2004**
Identification Cards—Integrated Circuit Cards—Part 9: Commands for Card Management
- **ISO/IEC 7816-11:2004**
Identification Cards—Integrated Circuit Cards—Part 11: Personal Verification Through Biometric Methods
- **ISO/IEC 7816-15:2004**
Identification Cards—Integrated Circuit Cards—Part 15: Cryptographic Information Application
- **ISO/IEC 7816-15:2004/Cor. 1:2004**
Technical Corrigendum 1 to ISO/IEC 7816-15:2004, “Identification Cards—Integrated Circuit Cards—Part 15: Cryptographic Information Application”



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 8824-1:2002/Amd 1:2004**
Amendment 1, “Support for EXTENDED-XER,” to ISO/IEC 8824-1:2002, “Information Technology—Abstract Syntax Notation One (ASN.1): Specification of Basic Notation”
- **ISO/IEC 8824-2:2002/Amd 1:2004**
Amendment 1, “Support for EXTENDED-XER,” to ISO/IEC 8824-2:2002, “Information Technology—Abstract Syntax Notation One (ASN.1): Information Object Specification”
- **ISO/IEC 8825-1:2002/Amd 1:2004**
Amendment 1, “Support for EXTENDED-XER,” to ISO/IEC 8825-1:2002, “Information Technology—ASN.1 Encoding Rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)”
- **ISO/IEC 8825-5:2004**
Information Technology—ASN.1 Encoding Rules: Mapping W3C XML Schema Definitions into ASN.1
- **ISO/IEC TR 9126-4:2004**
Software Engineering—Product Quality—Part 4: Quality in Use Metrics
- **ISO/IEC TR 9573-11:2004**
Information Processing—SGML Support Facilities—Part 11: Structure Descriptions and Style Specifications for Standards Document Interchange
- **ISO/IEC 9798-2:1999/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 9798-2:1999, “Information Technology—Security Techniques—Entity Authentication—Part 2: Mechanisms Using Symmetric Encipherment Algorithms”
- **ISO/IEC 9798-5:2004**
Information Technology—Security Techniques—Entity Authentication—Part 5: Mechanisms Using Zero-Knowledge Techniques
- **ISO/IEC 9899:1999/Cor 2:2004**
Technical Corrigendum 2 to ISO/IEC 9899:1999, “Programming Languages—C”
- **ISO/IEC 9945-1:2003/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 9945-1:2003, “Information Technology—Portable Operating System Interface (POSIX)—Part 1: Base Definitions”
- **ISO/IEC 9945-2:2003/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 9945-2:2003, “Information Technology—Portable Operating System Interface (POSIX)—Part 2: System Interfaces”



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 9945-3:2003/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 9945-3:2003, “Information Technology–Portable Operating System Interface (POSIX)–Part 3: Shell and Utilities”
- **ISO/IEC 9945-4:2003/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 9945-4:2003, “Information Technology–Portable Operating System Interface (POSIX)–Part 4: Rationale”
- **ISO/IEC 11179-1:2004**
Information Technology–Metadata Registries (MDR)–Part 1: Framework
- **ISO/IEC 11179-3:2003/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 11179-3:2003, “Information Technology–Metadata Registries (MDR)–Part 3: Registry Metamodel and Basic Attributes”
- **ISO/IEC 11179-4:2004**
Information Technology–Metadata Registries (MDR)–Part 4: Formulation of Data Definitions
- **ISO/IEC 11581-5:2004**
Information Technology–User System Interfaces and Symbols–Icon Symbols and Functions–Part 5: Tool Icons
- **ISO/IEC 12207:1995/Amd 2:2004**
Amendment 2 to ISO/IEC 12207:1995, “Information Technology–Software Life Cycle Processes”
- **ISO/IEC 13251:2004**
Collection of Graphical Symbols for Office Equipment
- **ISO/IEC 13335-1:2004**
Information Technology–Security Techniques–Management of Information and Communications Technology Security–Part 1: Concepts and Models for Information and Communications Technology Security Management
- **ISO/IEC 13818-1:2000/Amd 3:2004**
Amendment 3 to ISO/IEC 13818-1:2000, “Information Technology–Generic Coding of Moving Pictures and Associated Audio Information: Systems”
- **ISO/IEC 13818-4:2004**
Information Technology–Generic Coding of Moving Pictures and Associated Audio Information–Part 4: Conformance Testing



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 13818-7:2004**
Information Technology—Generic Coding of Moving Pictures and Associated Audio Information—Part 7: Advanced Audio Coding (AAC)
- **ISO/IEC 13818-11:2004**
Information Technology—Generic Coding of Moving Pictures and Associated Audio Information—Part 11: IPMP on MPEG-2 Systems
- **ISO/IEC 13888-1:2004**
IT Security Techniques—Non-Repudiation—Part 1: General
- **ISO/IEC TR 14143-5:2004**
Information Technology—Software Measurement—Functional Size Measurement—Part 5: Determination of Functional Domains for Use With Functional Size Measurement
- **ISO/IEC 14496-1:2004**
Information Technology—Coding of Audio-Visual Objects—Part 1: Systems
- **ISO/IEC 14496-2:2004**
Information Technology—Coding of Audio-Visual Objects—Part 2: Visual
- **ISO/IEC 14496-2:2004/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 14496-2:2004, “Information Technology—Coding of Audio-Visual Objects—Part 2: Visual”
- **ISO/IEC 14496-2:2004/Amd 1:2004**
Amendment 1, “Error Resilient Simple Scalable Profile,” to ISO/IEC 14496-2:2004, “Information Technology—Coding of Audio-Visual Objects—Part 2: Visual”
- **ISO/IEC 14496-3:2001/Amd 1:2003/Cor 1:2004**
Technical Corrigendum 1 to Amendment 1:2004 of ISO/IEC 14496-2:2001, “Information Technology—Coding of Audio-Visual Objects—Part 3: Audio”
- **ISO/IEC 14496-3:2001/Cor 2:2004**
Technical Corrigendum 2 to ISO/IEC 14496-3:2001, “Information Technology—Coding of Audio-Visual Objects—Part 3: Audio”
- **ISO/IEC 14496-3:2001/Amd 2:2004**
Amendment 2, “Parametric Coding for High-Quality Audio,” to ISO/IEC 14496-3:2001, “Information Technology—Coding of Audio-Visual Objects—Part 3: Audio”



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 14496-4:2004**
Information Technology—Coding of Audio-Visual Objects—Part 4: Conformance Testing
- **ISO/IEC 14496-5:2001/Amd 3:2003**
*Amendment 3, “Visual New Level and Tools,” to ISO/IEC 14496-5:2001,
“Information Technology—Coding of Audio-Visual Objects—Part 5: Reference Software”*
- **ISO/IEC 14496-5:2001/Amd 4:2004**
*Amendment 4, “IPMPX Reference Software Extensions,” to ISO/IEC 14496-5:2001,
“Information Technology—Coding of Audio-Visual Objects—Part 5: Reference Software”*
- **ISO/IEC 14496-5:2001/Amd 5:2004**
*Amendment 5, “Reference Software Extensions for Error Resilient Simple Scalable Profile,”
to ISO/IEC 14496-5:2001, “Information Technology—Coding of Audio-Visual Objects—
Part 5: Reference Software”*
- **ISO/IEC TR 14496-7:2004**
*Information Technology—Coding of Audio-Visual Objects—Part 7: Optimized
Reference Software for Coding of Audio-Visual Objects*
- **ISO/IEC 14496-8:2004**
*Information Technology—Coding of Audio-Visual Objects—Part 8: Carriage of
ISO/IEC 14496 Contents Over IP Networks*
- **ISO/IEC TR 14496-9:2004**
*Information Technology—Coding of Audio-Visual Objects—Part 9: Reference
Hardware Description*
- **ISO/IEC 14496-10:2004**
*Information Technology—Coding of Audio-Visual Objects—Part 10: Advanced
Video Coding*
- **ISO/IEC 14496-12:2004**
*Information Technology—Coding of Audio-Visual Objects—Part 12: ISO Base
Media File Format*
- **ISO/IEC 14496-13:2004**
*Information Technology—Coding of Audio-Visual Objects—Part 13: Intellectual
Property Management and Protection (IPMP) Extensions*
- **ISO/IEC 14496-15:2004**
*Information Technology—Coding of Audio-Visual Objects—Part 15: Advanced
Video Coding (AVC) File Format*



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 14496-16:2004**
Information Technology—Coding of Audio-Visual Objects—Part 16: Animation Framework Extension (AFX)
- **ISO/IEC 14496-18:2004**
Information Technology—Coding of Audio-Visual Objects—Part 18: Font Compression and Streaming
- **ISO/IEC 14496-19:2004**
Information Technology—Coding of Audio-Visual Objects—Part 19: Synthesized Texture Stream
- **ISO/IEC TR 14652:2004**
Information Technology—Specification Method for Cultural Conventions
- **ISO/IEC 14662:2004**
Information Technology—Open-Edi Reference Model
- **ISO/IEC 14763-1:1999/Amd 1:2004**
Amendment 1, “Classes of Administration,” to ISO/IEC 14763-1:1999, “Information Technology—Implementation and Operation of Customer Premises Cabling—Part 1: Administration”
- **ISO/IEC 14772-2:2004**
Information Technology—Computer Graphics and Image Processing—The Virtual Reality Modeling Language (VRML)—Part 2: External Authoring Interface (EAI)
- **ISO/IEC 14776-115:2004**
Information Technology—Small Computer System Interface (SCSI)—Part 115: Parallel Interface-5 (SPI-5)
- **ISO/IEC 14776-150:2004**
Information Technology—Small Computer System Interface (SCSI)—Part 150: Serial Attached SCSI (SAS)
- **ISO/IEC 15018:2004**
Information Technology—Generic Cabling for Homes
- **ISO/IEC 15415:2004**
Information Technology—Automatic Identification and Data Capture Techniques—Bar Code Print Quality Test Specification—Two-Dimensional Symbols



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 15423:2004**
Information Technology—Automatic Identification and Data Capture Techniques—Bar Code Scanner and Decoder Performance Testing
- **ISO/IEC 15444-1:2004**
Information Technology—JPEG 2000 Image Coding System: Core Coding System
- **ISO/IEC 15444-2:2004**
Information Technology—JPEG 2000 Image Coding System: Extensions
- **ISO/IEC TR 15446:2004**
Information Technology—Security Techniques—Guide for the Production of Protection Profiles and Security Targets
- **ISO/IEC 15504-1:2004**
Information Technology—Process Assessment—Part 1: Concepts and Vocabulary
- **ISO/IEC 15504-3:2004**
Information Technology—Process Assessment—Part 3: Guidance on Performing an Assessment
- **ISO/IEC 15504-4:2004**
Information Technology—Process Assessment—Part 4: Guidance on Use for Process Improvement and Process Capability Determination
- **ISO/IEC 15909-1:2004**
Software and System Engineering—High-Level Petri Nets—Part 1: Concepts, Definitions and Graphical Notation
- **ISO/IEC 15938-1:2002/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 15938-1:2002, “Information Technology—Multimedia Content Description Interface—Part 1: Systems”
- **ISO/IEC 15938-3:2002/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 15938-3:2002, “Information Technology—Multimedia Content Description Interface—Part 3: Visual”
- **ISO/IEC 15938-3:2002/Amd 1:2004**
Amendment 1, “Visual Extensions,” to ISO/IEC 15938-2:2002, “Information Technology—Multimedia Content Description Interface—Part 3: Visual”
- **ISO/IEC 15938-4:2002/Amd 1:2004**
Amendment 1, “Audio Extensions,” to ISO/IEC 15938-4:2002, “Information Technology—Multimedia Content Description Interface—Part 4: Audio”



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 15938-5:2003/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 15938-5:2003, “Information Technology–Multimedia Content Description Interface–Part 5: Multimedia Description Schemes”
- **ISO/IEC 15938-5:2003/Amd 1:2004**
Amendment 1, “Multimedia Description Schemes Extensions,” to ISO/IEC 15938-5:2003, “Information Technology–Multimedia Content Description Interface–Part 5: Multimedia Description Schemes”
- **ISO/IEC TR 15938-8:2002/Amd 1:2004**
Amendment 1, “Extensions of Extraction and Use of MPEG-7 Descriptions,” to ISO/IEC TR 15938-8:2002, “Information Technology–Multimedia Content Description Interface–Part 8: Extraction and Use of MPEG-7 Descriptions”
- **ISO/IEC 15946-4:2004**
Information Technology–Security Techniques–Cryptographic Techniques Based on Elliptic Curves–Part 4: Digital Signatures Giving Message Recovery
- **ISO/IEC 15948:2004**
Information Technology–Computer Graphics and Image Processing–Portable Network Graphics (PNG): Functional Specification
- **ISO/IEC 15961:2004**
Information Technology–Radio Frequency Identification (RFID) for Item Management–Data Protocol: Application Interface
- **ISO/IEC 15962:2004**
Information Technology–Radio Frequency Identification (RFID) for Item Management–Data Protocol: Data Encoding Rules and Logical Memory Functions
- **ISO/IEC 15963:2004**
Information Technology–Radio Frequency Identification for Item Management–Unique Identification for RF Tags
- **ISO/IEC 16022:2000/Cor 1:2004**
Technical Corrigendum 1 to ISO/IEC 16022:2000, “Information Technology–International Symbology Specification–Data Matrix”
- **ISO/IEC 16085:2004**
Information Technology–Software Life Cycle Processes–Risk Management
- **ISO/IEC 17341:2004**
Information Technology–Data Interchange on 120 mm and 80 mm Optical Disk Using +RW Format–Capacity: 4,7 Gbytes and 1,46 Gbytes per Side



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 17342:2004**
Information Technology—80 mm (1,46 Gbytes per Side) and 120 mm (4,70 Gbytes per Side) DVD Re-Recordable Disk (DVD-RW)
- **ISO/IEC 17592:2004**
Information Technology—120 mm (4,7 Gbytes per Side) and 80 mm (1,46 Gbytes per Side) DVD Rewritable Disk (DVD-RAM)
- **ISO/IEC 17594:2004**
Information Technology—Cases for 120 mm and 80 mm DVD-RAM Disks
- **ISO/IEC 18000-1:2004**
Information Technology—Radio Frequency Identification for Item Management—Part 1: Reference Architecture and Definition of Parameters to be Standardized
- **ISO/IEC 18000-2:2004**
Information Technology—Radio Frequency Identification for Item Management—Part 2: Parameters for Air Interface Communications Below 135 kHz
- **ISO/IEC 18000-3:2004**
Information Technology—Radio Frequency Identification for Item Management—Part 3: Parameters for Air Interface Communications at 13,56 MHz
- **ISO/IEC 18000-4:2004**
Information Technology—Radio Frequency Identification for Item Management—Part 4: Parameters for Air Interface Communications at 2,45 GHz
- **ISO/IEC 18000-6:2004**
Information Technology—Radio Frequency Identification for Item Management—Part 6: Parameters for Air Interface Communications at 860 MHz to 960 MHz
- **ISO/IEC 18000-7:2004**
Information Technology—Radio Frequency Identification for Item Management—Part 7: Parameters for Active Air Interface Communications at 433 MHz
- **ISO/IEC TR 18001:2004**
Information Technology—Radio Frequency Identification for Item Management—Application Requirements Profiles
- **ISO/IEC 18012-1:2004**
Information Technology—Home Electronic System—Guidelines for Product Interoperability—Part 1: Introduction



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC TR 18037:2004**
Programming Languages–C–Extensions to Support Embedded Processors
- **ISO/IEC TR 18044:2004**
Information Technology–Security Techniques–Information Security Incident Management
- **ISO/IEC TR 18047-3:2004**
Information Technology–Radio Frequency Identification Device Conformance Test Methods–Part 3: Test Methods for Air Interface Communications at 13,56 MHz
- **ISO/IEC TR 18047-4:2004**
Information Technology–Radio Frequency Identification Device Conformance Test Methods–Part 4: Test Methods for Air Interface Communications at 2,45 GHz
- **ISO/IEC 18051:2004**
Information Technology–Telecommunications and Information Exchange Between Systems–Services for Computer Supported Telecommunications Applications (CSTA) Phase III
- **ISO/IEC 18056:2004**
Information Technology–Telecommunications and Information Exchange Between Systems–XML Protocol for Computer Supported Telecommunications Applications (CSTA) Phase III
- **ISO/IEC 18092:2004**
Information Technology–Telecommunications and Information Exchange Between Systems–Near Field Communication–Interface and Protocol (NFCIP-1)
- **ISO/IEC TR 21000-1:2004**
Information Technology–Multimedia Framework (MPEG-21)–Part 1: Vision, Technologies and Strategy
- **ISO/IEC 23290:2004**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network (PISN)–Mapping Functions for the Tunnelling of QSIG Through H.323 Networks



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

A23.1-04/A23.2-04, 10th edition

Concrete Materials and Methods of Concrete Construction/

Methods of Test and Standard Practices for Concrete \$145

A23.1 provides the requirements for materials and methods of construction for cast-in-place concrete and concrete precast in the field.

A23.2 covers the principal test methods for hardened and freshly mixed concrete and for concrete materials, as specified in CSA standards A23.1 and A23.4.

B45.11-04, 1st edition

Glass Lavatories..... \$40

This standard applies to lavatories made of glass and is intended to be used in conjunction with the applicable requirements in Clauses 7 and 14.3 of CAN/CSA-45.0.

O112.9-04, 1st edition

Evaluation of Adhesives for Structural Wood Products (Exterior Exposure)..... \$80

This standard specifies requirements for evaluating adhesives used to bond solid wood materials in structural wood products designed for exterior applications.

The requirements of this standard are based on procedures for evaluating the resistance of adhesives to the following:

- shear caused by compression loading, under both wet and dry conditions
- delamination during accelerated exposure to wetting and drying
- deformation under static shear loading during exposure to heat, high humidity, or combined heat and high humidity.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

B45.11-04, 1^{re} édition

Lavabos en verre 40 \$

Cette norme vise les lavabos faits de verre.

B64.1.3-04, 1^{re} édition

Casse-vidé à pression antidéversement (C-VPAD) 35 \$

Cette norme vise les casse-vidé à pression antidéversement.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

B127.1-99 (R2004), 3^e édition

Tuyaux et raccords d'évacuation, d'égout et de ventilation en amiante-ciment 70 \$

Cette norme s'applique aux tuyaux et raccords en amiante-ciment et aux raccords en fonte de types 1 (classe 3000) et 2 (classe 4000) destinés aux canalisations d'évacuation, d'égout et de ventilation utilisées dans les bâtiments, ainsi qu'aux tuyaux d'évacuation et aux descentes d'eaux pluviales des bâtiments.

Cette norme énonce des exigences relatives au matériau, aux dimensions, à la résistance à la flexion, à l'écrasement et aux produits chimiques, ainsi qu'à l'étanchéité des joints. Elle fournit également des méthodes de marquage pour indiquer la conformité à ces exigences.

Amendments

CAN/CSA-B45S1-04

Supplement No. 1 to CAN/CSA-B45 Series-02, "Plumbing Fixtures" \$50

CAN/CSA-B45 Series-02: Revision of the Contents and the Preface.

CAN/CSA-B45.0-02: Revision of clauses 2, 3, 9.1.1–9.1.5, 9.6.1–9.6.4, 9.8.1–9.8.4, 11.5.2, 11.5.5, 15.8.1.2, 15.8.6, 15.13.1, 15.13.2, and 16.2.2, Tables 1 and 2, and Figure 24. Addition of Clauses 9.1.6, 9.6.5–9.6.7, 9.9, and 15.8.6A–15.8.6H, and Figures 27–32. Deletion of Clause 15.11 and Tables 5–7.

CAN/CSA-B137-02

Thermoplastic Pressure Piping Compendium

CAN/CSA-B137 Series-02: Revision of the Contents.

CAN/CSA-B137.5-02: Addition of Clauses 3.2.4, 5.10, and 7.

CAN/CSA-B137.9-02: Revision of Table 1.

Modifications publiées en français

CAN/CSA-B45S1-04

Supplément n° 1 à CAN/CSA-Série B45-02, Appareils sanitaires..... 50 \$

CAN/CSA-Série B45-02 : Modification de la table des matières et de la préface.

CAN/CSA-B45.0-02 : Modification des articles 2, 3, 9.1.1 à 9.1.5, 9.6.1 à 9.6.4, 9.8.1 à 9.8.4, 11.5.2, 11.5.5, 15.8.1.2, 15.8.6, 15.13.1, 15.13.2 et 16.2.2, ainsi que des tableaux 1 et 2, et de la figure 24. Les articles 9.1.6, 9.6.5 à 9.6.7, 9.9, et 15.8.6A à 15.8.6H, et les figures 27 à 32 ont été ajoutés. L'article 15.11 et les tableaux 5 à 7 ont été abrogés.



Modifications publiées en français (suite)

CAN/CSA-Série B137-02

Recueil de normes sur les tuyaux sous pression en matière thermoplastique

CAN/CSA-Série B137-02 : Modification de la table des matières.

CAN/CSA-B137.5-02 : Les articles 3.2.4, 5.10 et 7 ont été ajoutés.

CAN/CSA-B137.9-02 : Modification du tableau 1.

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Abraham Murra at 416-747-4186 or abraham.murra@csa.ca:

- **B481 Series, 1st edition**

Grease Interceptors

For more information about the proposed development of the following new projects, contact Mark Braiter at 416-747-2745 or mark.braiter@csa.ca:

- **S6, 10th edition**

Canadian Highway Bridge Design Code

- **S413, 3rd edition**

Parking Structures

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

- **A277, 5th edition**

Procedure for the Certification of Factory-Built Homes

- **Z240.10.1, 3rd edition**

Site Preparation, Foundation, and Anchorage of Mobile Homes

For more information about the proposed development of the following new project, contact Kelly Deeton at 416-747-4118 or kelly.deeton@csa.ca:

- **Z782, 1st edition**

Waste Reduction Practices in the Construction Industry



Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 11, 2005.

Draft Standards

To receive copies of the following draft standards, or to offer comments, contact Abraham Murra at 416-747-4186 or abraham.murra@csa.ca:

- **B137.5.1, 1st edition (a new standard in the B137 series)**
Plastic Insert Fittings for use with Crimp Rings and Cross-linked Polyethylene (PEX Tubing)
- **B182.12, 1st edition (a new standard in the B1800 Compendium)**
Profile PE Large Diameter (NPS 48 to 120) Sewer Pipe and Fittings for Leak-Proof Applications

Proposed Withdrawals

For more information about the proposed withdrawal of the following standard, contact Muktha Tumkur at 416-747-4045 or muktha.tumkur@csa.ca:

- **CAN/CSA-A251-00**
Qualification Code for Architectural and Structural Precast Concrete Products

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
July 30, 2005	Publication of CSA standard CAN/CSA-B602-99, <i>Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe.</i>	Plumbing Products No. 146

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 43-04, 5th edition

Lampholders (Bi-national standard with UL496, twelfth edition)..... \$195

The requirements of this standard apply to holders and connectors for electric lamps, including incandescent, fluorescent, and other electric-discharge-type lamps, to be used in accordance with the *Canadian Electrical Code, Part 1* (C22.1), and the *National Electrical Code* (ANSI/NFPA-70).

C22.2 No. 250.0-04, 2nd edition

Luminaires (Bi-national standard with UL 1598, second edition)..... \$490

This standard applies to luminaries for use in non-hazardous locations and that are intended for installation on branch circuits of 600 V nominal or less between conductors, in accordance with the *Canadian Electrical Code, Part I* (C22.1), with the U.S. *National Electrical Code* (ANSI/NFPA 70), and with the Mexican *National Electrical Code*, (NOM-001-SEDE).

This standard does not apply to luminaries covered by other standards.

CAN/CSA-C61000-2-12:04, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 2-12: Environment–Compatibility Levels for Low-Frequency Conducted Disturbances and Signalling in Public Medium-Voltage Power Supply Systems (Adopted CEI/IEC 61000-2-12:2003, first edition, with Canadian deviations)..... \$110

This standard applies to conducted disturbances in the frequency range from 0 kHz to 9 kHz, with an extension up to 148.5 kHz specifically for mains signalling systems. It gives compatibility levels for public medium voltage a.c. distribution systems having a nominal voltage between 1 kV and 35 kV and a nominal frequency of 50 Hz or 60 Hz.

Note: In general, this standard is intended for application to medium-voltage distribution networks, that may, in some areas of Canada, exceed the 35 kV limit specified in this standard.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 111-00, 3^e édition

Interrupteurs à rupture brusque tout usage (norme binationale comprenant la douzième édition de la norme UL20) 310 \$

Cette norme s'applique aux interrupteurs à rupture brusque à commande manuelle, tout usage, destinés à être connectés à des conducteurs en cuivre (Cu) ou revêtus de cuivre, utilisés conformément au *National Electrical Code (NEC)*, ANSI/NFPA 70, ou au *Code canadien de l'électricité (CCE)*, *Première partie* et à être branchés à des réseaux de câblage reconnus par le *NEC* ou le *CCE*, *Première partie*. Pour le Canada, on trouvera dans l'appendice B les exigences relatives aux interrupteurs destinés à être connectés à des conducteurs en aluminium (Al), utilisés conformément au *CCE*, *Première partie* et destinés à être branchés à des réseaux de câblage reconnus par le *CCE*, *Première partie*.

CAN/CSA-C61000-2-12:04, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 2-12: Environnement–Niveaux de compatibilité pour les perturbations conduites à basse fréquence et la transmission des signaux sur les réseaux publics d'alimentation moyenne tension (norme CEI/IEC 61000-2-12:2003, première édition, adoptée avec exigences propres au Canada)..... 110 \$

Cette norme s'applique aux perturbations conduites dans le domaine de fréquence de 0 kHz, avec une extension jusqu'à 148.5 kHz pour les systèmes de transmission de signaux sur le réseau. Elle fournit les valeurs numériques des niveaux de compatibilité pour les réseaux de distribution publics alternatifs moyenne tension, avec une tension nominale comprise entre 1 kV et 35 kV, et une fréquence nominal de 50 Hz ou 60 Hz.

Note : Cette norme vise les réseaux d'alimentation moyenne tension, lesquels peuvent dans certaines régions du Canada dépasser la limite de 35 kV prescrite dans cette norme.

Amendments

C22.2 No. 127-99

Equipment and Lead Wires

Revision of the Contents, Clauses 4.1.1, 6.1.23.1, 6.2.14, 6.3.9.1, 6.4, 6.6, 6.7, and 6.7.2.2.1, and Tables 1–3, 6–8, 12–14, 28, 31, 32, 38–40, and 45.

Deletion of Clause 6.3.10.

C22.2 No. 169-97

Equipment and Lead Wires

Revision of the Title page, the Copyright page, the Preface, the Foreword (CSA), the Foreword (UL), Clauses 7.2.2.3, 20.8, 20.8.1, 20.8.3, 20.8.5, 20.8.6, 20.8.8, 25.3.4, and 27.4.3, Figure 1, and Appendices A and B. Addition of Clause 7.1.2.22 and Figure 8.

Deletion of Clauses 20.8.2 and 20.8.9.

Modifications publiées en français

C22.2 n° 111-00

Interrupteurs à rupture brusque tout usage (norme binationale comprenant la douzième édition de la norme UL20)

Des modifications ont été apportées à la page titre, à la page des droits d'auteur, aux articles 4.5.3.3, 4.5.3.5, 4.9.2.2, 5.1.1, 6.2, 7.1.3 et 7.1.4.

Reaffirmed Standards

C22.2 No. 229-M1988 (R2004)

Switching and Metering Centres

C22.3 No. 7-94 (R2005)

Underground Systems

C199-M1982 (R2004)

Three-Phase Network Transformers

CAN/CSA-CEI/IEC 61000-4-2-01 (R2005)

Electromagnetic Compatibility (EMC)–Part 4-2: Testing and Measurement Techniques–Electrostatic Discharge Immunity Test (Adopted CEI/IEC 61000-4-2:1995)

CAN/CSA-CEI/IEC 61000-4-5-01 (R2005)

Electromagnetic Compatibility (EMC)–Part 4: Testing and Measurement Techniques–Section 5: Surge Immunity Test (Adopted CEI/IEC 1000-4-5:1995)

CAN/CSA-CEI/IEC 61000-4-12-01 (R2005)

Electromagnetic Compatibility (EMC)–Part 4: Testing and Measurement Techniques–Section 12: Oscillatory Waves Immunity Test–Basic EMC Publication (Adopted CEI/IEC 1000-4-12:1995)

CAN/CSA-CEI/IEC 61000-4-14-01 (R2005)

Electromagnetic Compatibility (EMC)–Part 4-14: Testing and Measurement Techniques–Voltage Fluctuation Immunity Test (Adopted CEI/IEC 61000-4-14:1999)

CAN/CSA-CEI/IEC 61000-4-28-01 (R2005)

Electromagnetic Compatibility (EMC)–Part 4-28: Testing and Measurement Techniques–Variation of Power Frequency, Immunity Test (Adopted CEI/IEC 61000-4-28:1999)

Withdrawn Standards

CAN/CSA-C49.1-M87 (R2003)

Round Wire, Concentric Lay, Overhead Electrical Conductors



Under Development

Notice of Intent

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

- **C22.3 No. 1, 8th edition 2**
Overhead Systems
- **C22.3 No. 7, 3rd edition**
Underground Systems

For more information about the proposed development of the following new project, contact Tim Pope at 416-747-2572 or tim.pope@csa.ca:

- **C22.2 No. 229, 2nd edition**
Switching and Metering Centres
-

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 11, 2005.

Draft Standards

To receive copies of the following draft standards, or to offer comments, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **C22.2 No. 84, 3rd edition**
Incandescent Lamps
- **C68.5, 1st edition**
Primary Shielded and Concentric Neutral Cable for Distribution

Proposed Amendments

To receive copies of the following proposed amendment, or to offer comments, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **CAN/CSA-C22.2 No. 5-02**
Molded-Case Circuit Breakers, Molded-Case Switches and Circuit Breaker Enclosures
Revision of various clauses.

Drafts for Public Review (cont'd)

Proposed Adoptions

For more information about the proposed adoption of the following IEC standards, contact Tim Pope at 416-747-2572 or tim.pope@csa.ca:

- **IEC 60079-0:2004, edition 4.0 (with Canadian deviations)**
Electrical Apparatus for Explosive Gas Atmospheres–Part 0: General Requirements
- **IEC 60079-1:2003, edition 5.0 (with Canadian deviations)**
Electrical Apparatus for Explosive Gas Atmospheres–Part 1: Construction and Verification Test of Flameproof Enclosures of Electrical Apparatus
- **IEC 60079-5-am1:2003, edition 2.0 (with Canadian deviations)**
Electrical Apparatus for Explosive Gas Atmospheres–Part 5: Sand-Filled Apparatus–Amendment 1

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 24, 2004	Publication of CAN/CSA-C22.2 No. 61010-1-04, <i>Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 1: General Requirements</i> (tri-national standard with UL 61010-1 and ISA 82.02.01) (adopted IEC 61010-1, 2nd edition).	Hazardous Locations No. 16
December 31, 2004	Publication of CAN/CSA-E61558-1, <i>Safety of Power Transformers, Power Supply Units and Similar–Part 1: General Requirements and Tests</i> , and the CAN/CSA-E61558-2 series for the safety of transformers (adoption of the identically titled IEC standards).	Transformers No. 5



Certification Notices

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

Effective Date	Subject	Title
► December 23, 2004	Publication of the eleventh edition of CSA standard C22.2 No. 1-04, <i>Audio, Video and Similar Electronic Equipment</i> (supersedes Audio and Video Equipment Nos. 15 and 16).	Audio and Video Equipment No. 19
February 16, 2005	Publication of the first edition of CSA standard C22.2 No. 18.4-04, <i>Hardware for the Support of Conduit, Tubing, and Cable</i> (bi-national standard with UL 2239).	Wiring Devices No. 29
March 1, 2005	Publication of the first edition of CSA standard C22.2 No. 227.2.1-04, <i>Liquid-Tight Flexible Nonmetallic Conduit</i> (bi-national standard with UL 1660).	Conduit No. 13
March 1, 2005	Publication of the first edition of CSA standard C22.2 No. 18.3, <i>Conduit, Tubing and Cable Fittings</i> (tri-national standard with ANCE NMX-J-017 and UL 514B).	Wiring Devices No. 28
March 31, 2005	Publication of amendment as Update No. 4 to CSA standard C22.2 No. 64-M91, <i>Household Cooking and Liquid-Heating Appliances</i> .	Household Cooking and Liquid Heating Appliances No. 14
April 1, 2005	Publication of the eighth edition of CSA standard C22.2 No. 31-04, <i>Switchgear Assemblies</i> . This edition includes new requirements to add provision for: <ul style="list-style-type: none">• lock-out features of high-voltage switches and circuit-breakers• lock-out of low-voltage switches and circuit-breakers• padlocking of automatic shutters in metal-clad switchgear with removable breakers.	Switchgear Assemblies No. 4
May 24, 2005	Publication of amendments to CSA standard C22.2 No. 112-97, <i>Electric Clothes Dryers</i> (bi-national with UL 2158). The amendment clarifies the marking requirements for a pressure wire connector intended for connection of an equipment-grounding conductor.	Appliances No. 3
August 1, 2005	Publication of the fifth edition of CSA standard C22.2 No. 56-04, <i>Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit</i> .	Wiring Devices No. 30

Certification Notices (cont'd)

Effective Date	Subject	Title
September 30, 2005	Publication of the second edition of CSA standard C22.2 No. 235, <i>Supplementary Protectors</i> .	Power Distribution Equipment No. 1
November 1, 2005	Publication of the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> .	Motors and Generators No. 4
November 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> .	Wiring Devices No. 25
▶ January 16, 2006	Publication of the second edition of CSA standard C22.2 No. 188-04, <i>Splicing Wire Connectors</i> .	Wiring Devices No. 36
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

Amendments

CAN/CSA-C360-03

Energy Performance, Water Consumption, and Capacity of Household Clothes Washers

Revision of the outside and inside front cover, and the title page.

Modifications publiées en français

CAN/CSA-C360-03

Rendement énergétique, consommation d'eau et capacité des machines à laver électrodomestiques

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'à la page titre.

Reaffirmed Standards

CAN/CSA-C653-94 (R2004)

Performance Standard for Roadway Lighting Luminaires

CAN/CSA-C861-95 (R2004)

Performance of Compact Fluorescent Lamps and Ballasted Adapters

CAN/CSA-F382-M89 (R2004)

Characterization of Storage Batteries for Photovoltaic Systems

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Sudi Kalra at 416-747-2794 or sudi.kalra@csa.ca:

- **Z245.22, 1st edition**
External Polyurethane Foam Insulation Coating for Pipe
-

Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standard, contact Sudi Kalra at 416-747-2794 or sudi.kalra@csa.ca:

- **CAN/CSA-Z341.3-02,**
Storage of Hydrocarbons in Underground Formations—Mined Cavern Storage



Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 10, 2004	Publication of CAN/CSA C802.2-00, <i>Minimum Efficiency Values for Dry-Type Transformers</i> (supersedes Verification Service No. 14).	Verification Service No. 28
December 31, 2004	Publication of C191-04, <i>Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service</i> .	Verification Service No. 25
December 31, 2004	Publication of C373-04, <i>Energy Consumption Test Methods and Limits for Household Dishwashers</i> .	Verification Service No. 26
December 31, 2004	Publication of C360-03, <i>Energy Performance, Water Consumption and Capacity of Household Clothes Washers</i> .	Verification Service No. 27

Certification Notices

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

Effective Date	Subject	Title
April 1, 2005 (fluorescent lamp ballasts) April 1, 2010 (replacement lamp ballasts)	Publication of amendments to CAN/CSA-C654-M91, <i>Fluorescent Lamp Ballast Efficacy Measurements</i> . The ballast efficacy factor was changed significantly for most ballasts used with T12 lamps.	Verification Service No. 24



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

CAN/CSA-ISO 14001:04, 2nd edition

Environmental Management Systems—Requirements with Guidance for Use

(Adopted ISO 14001:2004, second edition, without modification)..... \$90

This standard specifies requirements for an environmental management system to enable an organization to develop and implement a policy and objectives that take into account legal requirements and other requirements to which the organization subscribes, and information about significant environmental aspects. It applies to those environmental aspects that the organization identifies as those that it can control and those that it can influence. The standard does not state specific environmental performance criteria.

All the requirements in this standard are intended to be incorporated into any environmental management system. The extent of the application depends on factors such as the following:

- environmental policy of the organization
- the nature of its activities, products and services
- the location where and the conditions in which it functions.

This standard also provides informative guidance on its use.

CAN/CSA-ISO 14004:04, 2nd edition

Environmental Management Systems—General Guidelines on Principles,

Systems and Support Techniques (Adopted ISO 14004:2004, second edition,

without modification) \$120

This standard provides guidance on the establishment, implementation, maintenance and improvement of an environmental management system and its coordination with other management systems.

The guidelines in this standard apply to any organization, regardless of its size, type, location or level of maturity.

PLUS 14000, 2nd edition

The ISO 14000 Essentials—A Practical Guide to Implementing

the ISO 14000 Standards \$80

The objective of this handbook is to provide environmental management practitioners with a concise, user-friendly guide for understanding and implementing ISO 14001:2004, *Environmental Management Systems—Requirements with Guidance for Use*.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-ISO 14001:04, 2^e édition

Systèmes de management environnemental—Exigences et lignes directrices pour son utilisation (norme ISO 14001:2004, deuxième édition, adoptée sans modification) 90 \$

Cette norme spécifie les exigences relatives à un système de management environnemental permettant à un organisme de développer et de mettre en œuvre une politique et des objectifs, qui prennent en compte les exigences légales et les autres exigences auxquelles l'organisme a souscrit et les informations relatives aux aspects environnementaux significatifs. Elle s'applique aux aspects environnementaux que l'organisme a identifiés comme étant ceux qu'il a les moyens de maîtriser et ceux sur lesquels il a les moyens d'avoir une influence. Elle n'instaure pas en elle-même de critères spécifiques de performance environnementale.

Toutes les exigences de la norme sont destinées à être intégrées dans n'importe quel système de management environnemental. Le degré d'application dépend de divers facteurs, tels que la politique environnementale de l'organisme, la nature de ses activités, produits et services, et sa localisation et les conditions dans lesquelles il fonctionne. Cette norme fournit également des lignes directrices informatives pour son utilisation.

CAN/CSA-ISO 14004:04, 2^e édition

Systèmes de management environnemental—Lignes directrices générales concernant les principes, les systèmes et les techniques de mise en œuvre (norme ISO 14004:2004, deuxième édition, adoptée sans modification) 120 \$

Cette norme donne des lignes directrices concernant l'établissement, la mise en œuvre, la mise à jour et l'amélioration d'un système de management environnemental, en indiquant comment le coordonner aux autres systèmes de management existants.

Ces lignes directrices sont applicables à tout organisme, indépendamment de sa taille, de sa localisation, de sa nature ou de son niveau de maturité.

Reaffirmed Standards

CAN/CSA-ISO 14020-99 (R2005)

Environmental Labels and Declarations—General Principles
(Adopted ISO 14020:1998, 1st edition)

CAN/CSA-ISO 14042-00 (R2005)

Environmental Management—Life Cycle Assessment—Life Cycle Impact Assessment
(Adopted ISO 14042:2000, 1st edition)

CAN/CSA-ISO 14043-00 (R2005)

Environmental Management—Life Cycle Assessment—Life Cycle Interpretation
(Adopted ISO 14043:2000, 1st edition)



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

ANSI Z21.89-2004/CSA 1.18-2004, 2nd edition

Outdoor Cooking Specialty Gas Appliances..... \$550

This standard applies to newly produced outdoor specialty gas appliances, constructed of new, unused parts and materials. Appliances submitted for examination under this standard shall be classified as portable. These products are not intended for commercial use.

CAN/CSA-B149.1-05, 13th edition

(including B149.1 Pocket Reference 2005)

Natural Gas and Propane Installation Code..... \$185

This code applies to the installation of the following:

- appliances, equipment, components, and accessories where gas is to be used for fuel purposes
- piping and tubing systems extending from the termination of the utility installation of natural gas or from the distributor's propane tank
- vehicle-refuelling appliances and associated equipment meeting the requirements of a general-purpose appliance to fill a natural-gas-fuelled vehicle.

B149.1 Pocket Reference 2005 is intended to be used as a companion to CAN/CSA-B149.1-05 and CAN/CSA-B149.2-05.

The pocketbook contains the following:

- conversion tables
- selected tables from CAN/CSA B149.1-05 and CAN/CSA B149.2-05. In some cases these tables have not be reproduced in their entirety; only those portions that are more commonly used have been included. In such cases, the table titles have been modified to indicate that the material presented is only an extract of a larger table.

CAN/CSA-B149.2-05, 9th edition

Propane Storage and Handling Code \$100

This code applies to the following:

- the storage, handling, and transfer of propane
- the installation of appliances, equipment, components, accessories, and containers on highway vehicles, recreational vehicles, mobile housing, outdoor food service units, and wash-mobiles, when propane is to be used for fuel purposes
- the installation of containers and equipment to be used for propane in distribution locations and filling plants.



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

CAN/CSA-B149.3-05, 3rd edition

Code for the Field Approval of Fuel-Related Components on Appliances and Equipment..... \$225

This code contains the requirements for fuel-related components and accessories and their assembly on an appliance utilizing gas, downstream of the manual shut-off valve specified in Clause 6.18.2 of CAN/CSA B149.1. Clause 13 of this code contains additional requirements for process ovens, including bakery ovens, process furnaces, and atmosphere generators operating at approximately atmospheric pressure and used by industry for the processing of materials.

CAN/CSA-B149.5-05, 3rd edition

Installation Code for Propane Fuel Systems and Tanks on Highway Vehicles \$75

This code applies to the installation, servicing, and repair of propane fuel system components and tanks on highway vehicles for the provision of motive power. This does not apply to vehicles qualified under the Canadian *Motor Vehicle Safety Regulations*.

B149HB-05, 4th edition

Natural Gas and Propane Code Handbook \$130

This handbook is intended for use as a companion document to B149.1-05, *Natural Gas and Propane Installation Code*, and selected parts of B149.2-05, *Propane Storage and Handling Code*.

It contains information aimed at natural gas and propane appliance installers, regulatory authorities, and anyone interested in understanding current practices for natural gas and propane appliance installations.

The handbook includes the following:

- extracts of commonly referenced Code text, tables and figures
- intent and rationale statements of Code requirements commonly needing interpretation in the field
- commentary, including text and figures explaining fundamental principles of appliance installations
- illustrations of Code requirements
- tables providing useful information from referenced documents
- examples of how to apply Code requirements
- Looking Ahead and Looking Back notes to identify associated requirements found in different parts of the Code
- Better Practice notes providing suggestions for exceeding current installation requirements.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-B149.1-05, 13^e édition
(y comprise le Guide de poche B149.1, édition 2005)
Code d'installation du gaz naturel et du propane 185 \$

Ce code s'applique à l'installation des :

- a) appareils, appareillages, composants et accessoires où le gaz est utilisé comme carburant ;
- b) tuyauteries à partir de l'extrémité des installations de la compagnie de gaz pour le gaz naturel ou des réservoirs de propane du distributeur ; et
- c) appareils de ravitaillement de véhicules et de l'appareillage connexe conformes aux exigences visant les appareils pour usage général utilisés pour ravitailler des véhicules au gaz naturel.

Le Guide de poche B149.1, édition 2005 est conçu pour être utilisé avec la CAN/CSA-B149.1-05 et CAN/CSA-B149.2-05.

Ce guide de poche contient :

- a) des tableaux de conversion ; et
- b) des tableaux tirés de la CAN/CSA-B149.1-05 et de la CAN/CSA-B149.2-05. Dans certains cas, ces tableaux n'ont pas été reproduits en entier ; seules les parties les plus couramment utilisées sont reproduites. Les titres des tableaux ont alors été modifiés pour indiquer que les informations présentées ne représentent qu'une partie d'un plus grand tableau.

CAN/CSA-B149.2-05, 9^e édition
Code sur le stockage et la manipulation du propane 100 \$

Ce code s'applique :

- a) au stockage, à la manipulation et au transvasement du propane ;
- b) à l'installation des appareils, des appareillages, des composants, des accessoires et des récipients des véhicules routiers, des véhicules de camping, des maisons mobiles, des cuisines extérieures mobiles et des lavoirs roulants lorsque le propane est utilisé comme combustible ; et
- c) à l'installation des récipients de propane et des appareillages connexes dans les centres de distribution et les stations de remplissage.

CAN/CSA-B149.3-05, 3^e édition
Code d'approbation sur place des composants relatifs au combustible des appareils et appareillages 225 \$

Ce code énonce les exigences visant les composants et accessoires relatifs au combustible et leur installation dans un appareil qui utilise le gaz en aval du robinet d'arrêt manuel mentionné à l'article 6.18.2 de la CAN/CSA-B149.1. Le chapitre 13 de ce code énonce les exigences supplémentaires relatives aux fours de traitement, notamment les fours de boulangerie, aux fourneaux de traitement et aux générateurs d'atmosphère fonctionnant à la pression atmosphérique, ou presque, et utilisés par l'industrie dans le traitement des matières.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-B149.5-05, 3^e édition

Code d'installation des réservoirs et des systèmes d'alimentation en propane sur les véhicules routiers 75 \$

Ce code vise l'installation, l'entretien et la réparation, sur des véhicules routiers, de composants et de réservoirs de propane assurant la force motrice des véhicules. Le code ne s'applique pas aux véhicules qualifiés selon le *Règlement sur la sécurité des véhicules automobiles* du Canada.

Amendments

ANSI Z21.42a-2004

Addenda 1 to "Gas-Fired Illuminating Appliances" \$80

This document provides revisions to ANSI Z21.42-1993.

ANSI Z21.57b-2004

Addenda 2 to "Recreational Vehicle Cooking Gas Appliances" \$85

This document provides revisions to ANSI Z21.57-2001 and ANSI Z21.57a-2003.

Reaffirmed Standards

CAN1-2.21-M85 (R2004)

Gas-Fired Appliances for Outdoor Installation

CGA 2.29-1997 (R2004)

Hand-Held Torches for Fuel Gas

CGA P.5-M97 (R2004)

Testing Method for Measuring Per-Cycle Energy Consumption and Energy Factor of Domestic Gas Clothes Dryers



Under Development

Drafts for Public Review

The Gas Equipment draft material sent for review consists only of pages being revised from the previous draft or edition; that is, the review material usually does not include a copy of the entire standard.

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 11, 2005.

Draft Standards

To receive copies of the following proposed standards, or to offer comments, contact Senka Krsikapa at 416-747-2508 or senka.krsikapa@csa.ca:

- **ANSI Z21.24/CSA 6.10, 3rd edition**
Connectors for Gas Appliances.
- **ANSI Z21.75/CSA 6.27, 2nd edition**
Connectors for Outdoor Gas Appliances and Manufactured Homes

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
► March 1, 2005	Publication of addenda ANSI Z21.56a-2004/CSA 4.7a-2004 and Z21.56b-2004/CSA 4.7b-2004, <i>Gas-Fired Pool Heaters</i> . The revisions in these addenda supersede any corresponding provisions of ANSI Z21.56-2001/CSA 4.7-2001.	Gas Products No. 40A
March 1, 2005	Publication of addenda ANSI Z83.20b-2004/CSA 2.34b-2004, <i>Gas-Fired Low-Intensity Infrared Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.20-2001/CSA 2.34-2001 and ANSI Z83.20a-2003/CSA 2.34a-2003.	Gas Products No. 33
March 1, 2005	Extension of effective date for compliance with the requirements of ANSI Z21.11.2-2002 and ANSI Z21.11.2a-2003.	Gas Products No. 34

**Certification Notices (cont'd)**

Effective Date	Subject	Title
April 1, 2005	Publication of addenda ANSI Z83.18b-2003, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.18-2000 and ANSI Z83.18a-2001.	Gas Products No. 17
April 1, 2005	Publication of addenda ANSI Z21.78b-2004/CSA 6.20b-2004, <i>Combination Gas Controls for Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.78-2000/CSA 6.20-2000 and ANSI Z21.78a-2001/CSA 6.20a-2001.	Gas Products No. 20
April 1, 2005	Publication of ANSI Z21.47-2003/CSA 2.3-2003, <i>Gas-Fired Central Furnaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.47-2001/CSA 2.3-2001, ANSI Z21.47a-2001/CSA 2.3a-2001, and ANSI Z21.47b-2002/CSA 2.3b-2002.	Gas Products No. 44
May 1, 2005	Publication of addenda ANSI Z83.8a-2003/CSA 2.6a-2003, <i>Gas Unit Heaters and Gas-Fired Duct Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.8-2002/CSA 2.6-2002.	Gas Products No. 18
May 1, 2005	Publication of ANSI Z83.4-2003/CSA 3.7-2003, <i>Non-Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.83.4-1999/CSA 3.7-M99, ANSI Z21.83.4a-2001/CSA 3.7a-2001, and ANSI Z21.83.4b-2002/CSA 3.7b-2002.	Gas Products No. 32
June 1, 2005	Publication of addenda ANSI Z21.5.2b-2003/CSA 7.2b-2003, <i>Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.5.2-2001/CSA 7.2-2001 and ANSI Z21.5.2a-2003/CSA 7.2a-2003.	Gas Products No. 14
June 1, 2005	Publication of addenda ANSI Z21.90a-2003/CSA 6.24a-2003, <i>Gas Convenience Outlets and Optional Enclosures</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.90-2001/CSA 6.24-2001.	Gas Products No. 21



Certification Notices (cont'd)

Effective Date	Subject	Title
June 1, 2005	Publication of addenda ANSI Z21.81b-2003/CSA 6.25b-2003, <i>Cylinder Connection Devices</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.81-1997/CSA 6.25-M97 and ANSI Z21.81a-1998/CSA 6.25a-M98.	Gas Products No. 22
June 1, 2005	Publication of addenda ANSI Z21.1b-2003, <i>Household Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.1-2000 and ANSI Z21.1a-2003.	Gas Products No. 24
June 1, 2005	Publication of addenda ANSI Z21.89b-2004/CSA 1.18b-2004, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.89-2002/CSA 1.18-2002 and ANSI Z21.89a-2003/CSA 1.18a-2003.	Gas Products No. 25
June 1, 2005	Publication of ANSI Z21.41-2003/CSA 6.9-2003, <i>Quick Disconnect Devices for Use with Gas Fuel</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.41-1998/CSA 6.9-1998, ANSI Z21.41a-2001/CSA 6.9a-2001, and ANSI Z21.41b-2002/CSA 6.9b-2002.	Gas Products No. 31
October 1, 2005	Publication of addenda ANSI Z83.11a-2004/CSA 1.8a-2004, <i>Gas Food Service Equipment</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.11-2002/CSA 1.8-2002.	Gas Products No. 37
October 1, 2005	Publication of addenda ANSI Z21.77b-2004/CGA 6.23b-2004, <i>Manually Operated Piezo-Electric Spark Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.77-1995/CGA 6.23-M95 and Z21.77a-1997/CGA 6.23a-M97.	Gas Products No. 46
► March 1, 2006	Publication of addenda ANSI Z21.11.2b-2004, <i>Gas-Fired Room Heaters—Volume II, Unvented Room Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.11.2-2002 and ANSI Z21.11.2a-2003.	Gas Products No. 47



Certification Notices (cont'd)

Effective Date	Subject	Title
June 1, 2006	Publication of ANSI Z21.13-2004/CSA 4.9-2004, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000, ANSI Z21.13a-2002/CSA 4.9a-2002, and ANSI Z21.13b-2003/CSA 4.9b-2003.	Gas Products No. 45



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B44-04, 10th edition

Safety Code for Elevators and Escalators (Bi-national standard with ASME 17.1) \$295

With specified exceptions, this code covers the design, construction, operation, inspection, testing, maintenance, alteration, and repair of the following equipment, its associated parts, and its hoistways, where located in or adjacent to a building or structure:

- hoisting and lowering mechanisms, equipped with a car or platform, that move between two or more landings. This equipment includes (but is not limited to) elevators.
- power-driven stairways and walkways for carrying persons between landings. This equipment includes (but is not limited to) escalators and moving walks.
- hoisting and lowering mechanisms equipped with a car that serves two or more landings and that is restricted to the carrying of material by its size or by limited access to the car. This equipment includes (but is not limited to) dumbwaiters and material lifts.

CSA B44.1-04/ASME-A17.5-2004, 3rd edition

Elevator and Escalator Electrical Equipment \$100

The requirements of this standard apply to the following electrical equipment for elevators, escalators, moving walks, dumbwaiters, material lifts, and elevating devices for persons with physical disabilities (platform lifts and stairway chairlifts):

- motor controllers
- motion controllers
- operation controllers
- operating devices
- all other electrical equipment not listed/certified and labelled/marked according to another product safety standard or code.

Z62.3-04, 3rd edition

Chain Saw Kickback \$75

This standard specifies kickback performance limits for gasoline-powered chain saws, 80 cm³ (4.88 in³) engine displacement and smaller, Classes 1A, 1B, and 1C, and electric chain saws, Classes 2A and 2C, as defined in CAN/CSA-Z62.1.



Amendments

CAN/CSA-D250-03

School Buses

Revision of Clause 6.8.1.7. Deletion of Clause 6.8.1.2.

CAN/CSA-Z900.2.1-03

Tissues for Assisted Reproduction

Revision of Clauses 3.1, 17.3, and 19.

CAN/CSA-Z900.2.3-03

Perfusable Organs for Transplantation

Revision of Clauses 12.2.2.3, 13.1.3, and 14.2.6.4.

CAN/CSA-Z900.2.4-03

Ocular Tissues for Transplantation

Revision of Clause 14.2.1.

CAN/CSA-Z902-04

Blood and Blood Components

Revision of the outside front cover and the title page.

Modifications publiées en français

CAN/CSA-D250-03

Autobus scolaires

Des modifications ont été apportées à la table des matières et à l'article 6.8.1.7.
L'article 6.8.1.2 a été ajouté.

CAN/CSA-Z900.2.1-03

Tissus destinés à la reproduction assistée

Des modifications ont été apportées aux articles 3.1, 17.3, et 19.

CAN/CSA-Z900.2.3-03

Organes pleins destinés à la transplantation

Des modifications ont été apportées aux articles 12.2.2.3, 13.1.3, et 14.2.6.4.

CAN/CSA-Z900.2.4-03

Tissus oculaires destinés à la transplantation

Des modifications ont été apportées à l'article 14.2.1.

CAN/CSA-Z902-04

Sang et produits sanguins labiles

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

Reaffirmed Standards

CAN/CSA-Z94.1-92 (R2004)*Industrial Protective Headwear***Z259.2.3-99 (R2004)***Descent Control Devices***CAN/CSA-Z267-00 (R2004)***Safety Code for Amusement Rides and Devices***CAN/CSA-Z271-98 (R2004)***Safety Code for Suspended Elevating Platforms***CAN/CSA-Z275.1-93 (R2004)***Hyperbaric Facilities***CAN/CSA-Z305.12-98 (R2004)***Guide for the Safe Storage, Handling, and Use of Portable Oxygen Systems in Home, Domiciliary and Healthcare Settings*

Withdrawn Standards

CSA has withdrawn its endorsement of the following ISO standards:

- **ISO 1559:1995**
Dental Materials—Alloys for Dental Amalgam
- **ISO 1560:1985**
Dental Mercury
- **ISO 1561:1995**
Dental Casting Wax
- **ISO 1562:1993**
Dental Casting Gold Alloys
- **ISO 1567:1999**
Dentistry—Denture Base Polymers
- **ISO 1797-1:1992**
Dental Rotary Instruments—Shanks—Part 1: Shanks Made of Metals
- **ISO 1797-2:1992**
Dental Rotary Instruments—Shanks—Part 2: Shanks Made of Plastics
- **ISO 2157:1992**
Dental Rotary Instruments—Nominal Diameters and Designation Code Number
- **ISO 3107:1988**
Dental Zinc Oxide/Eugenol Cements and Zinc Oxide Non-Eugenol Cements



Withdrawn Standards (cont'd)

- **ISO 3336:1993**
Dentistry—Synthetic Polymer Teeth
- **ISO 3630-1:1992**
Dental Root-Canal Instruments—Part 1: Files, Reamers, Barbed Broaches, Rasps, Paste Carriers, Explorers and Cotton Broaches
- **ISO 3630-3:1994**
Dental Root Canal Instruments—Part 3: Condensers, Pluggers and Spreaders
- **ISO 3665:1996**
Photography—Intra-Oral Dental Radiographic Film—Specification
- **ISO 3823-1:1997**
Dental Rotary Instruments—Burs—Part 1: Steel and Carbide Burs
- **ISO 3823-2:1986**
Dental Rotary Instruments—Part 2: Steel and Carbide Finishing Burs
- **ISO 3950:1984**
Dentistry—Designation System for Teeth and Areas of the Oral Cavity
- **ISO 4073:1980**
Dental Equipment—Items of Dental Equipment at the Working Place—Identification System
- **ISO 4824:1993**
Dentistry—Ceramic Denture Teeth
- **ISO 5799:1991**
Photography—Direct-Exposing Medical and Dental Radiographic Film/Process Systems—Determination of ISO Speed and ISO Average Gradient
- **ISO 6360-1:1985**
Dental Rotary Instruments—Number Coding System—Part 1: General Characteristics
- **ISO 6360-2:1986**
Dental Rotary Instruments—Number Coding System—Part 2: Shape and Specific Characteristics
- **ISO 6871-1:1994**
Dental Base Metal Casting Alloys—Part 1: Cobalt-Based Alloys
- **ISO 6871-2:1994**
Dental Base Metal Casting Alloys—Part 2: Nickel-Based Alloys
- **ISO 6872:1995**
Dental Ceramic
- **ISO 6873:1998**
Dental Gypsum Products
- **ISO 6874:1998**
Dental Resin-Based Pit and Fissure Sealants

Withdrawn Standards (cont'd)

- **ISO 6875:1995**
Dental Patient Chair
- **ISO 6877:1995**
Dental Root-Canal Obturating Points
- **ISO 7405:1997**
Dentistry—Preclinical Evaluation of Biocompatibility of Medical Devices Used in Dentistry—Test Methods for Dental Materials
- **ISO 7488:1991**
Dental Amalgamators
- **ISO 7492:1997**
Dental Explorers
- **ISO 7493:1997**
Dental Operator's Stool
- **ISO 7494:1996**
Dental Units
- **ISO 7551:1996**
Dental Absorbent Points
- **ISO 7711-1:1997**
Dental Rotary Instruments—Diamond Instruments—Part 1: Dimensions, Requirements, Marking and Packaging
- **ISO 7711-2:1992**
Dental Rotary Instruments—Diamond Instruments—Part 2: Discs
- **ISO 7711-3:1992**
Dental Rotary Instruments—Diamond Instruments—Part 3: Grit Sizes, Designation and Colour Code
- **ISO 7785-1:1997**
Dental Handpieces—Part 1: High-Speed Air Turbine Handpieces
- **ISO 7785-2:1995**
Dental Handpieces—Part 2: Straight and Geared Angle Handpieces
- **ISO 7787-1:1984**
Dental Rotary Instruments—Cutters—Part 1: Steel Laboratory Cutters
- **ISO 7787-3:1991**
Dental Rotary Instruments—Cutters—Part 3: Carbide Laboratory Cutters for Milling Machines
- **ISO 8282:1994**
Dental Equipment—Mercury and Alloy Mixers and Dispensers
- **ISO 8385:1985**
Dental Rotary Instruments—Test Methods



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- **ISO 8627:1987**
Dentistry—Stiffness of the Tufted Area of Toothbrushes
- **ISO 8891:1998**
Dental Casting Alloys with Noble Metal Content of at Least 25% But Less Than 75%
- **ISO 9168:1991**
Dental Handpieces—Hose Connectors
- **ISO 9173-1:1991**
Dental Extraction Forceps—Part 1: Screw and Pin Joint Types
- **ISO 9333:1990**
Dental Brazing Materials
- **ISO 9680:1993**
Dental Operating Light
- **ISO 9687:1993**
Dental Equipment—Graphical Symbols
- **ISO 9693:1991**
Dental Ceramic Fused to Metal Restorative Materials
- **ISO 9694:1996**
Dentistry Phosphate-Bonded Casting Investments
- **ISO 9873:1998**
Dental Hand Instruments—Reusable Mirrors and Handles
- **ISO 9917:1991**
Dental Water-Based Cements
- **ISO 9917-2:1998**
Dental Water-Based Cements—Part 2: Light-Activated Cements
- **ISO 9997:1990**
Dental Cartridge Syringes
- **ISO 10139-1:1991**
Dentistry—Resilient Lining Materials for Removable Dentures—Part 1: Short-Term Materials
- **ISO 10323:1991**
Dental Rotary Instruments—Bore Diameters for Discs and Wheels
- **ISO/TR 10451:1991**
Dental Implants—State of the Art—Survey of Materials
- **ISO 10477:1992**
Dentistry—Polymer-Based Crown and Bridge Materials
- **ISO 11144:1995**
Dental Equipment—Connections for Supply and Waste Lines

Withdrawn Standards (cont'd)

- **ISO 11244:1998**
Dental Brazing Investments
- **ISO 11245:1999**
Dental Restorations—Phosphate-Bonded Refractory Die Materials
- **ISO 11246:1996**
Dental Ethyl Silicate-Bonded Casting Investments
- **ISO/TR 11405:1994**
Dental Materials—Guidance on Testing of Adhesion to Tooth Structure
- **ISO 11498:1997**
Dental Handpieces—Dental Low-Voltage Electrical Motors
- **ISO 11499:1997**
Dental Cartridges for Local Anaesthetics
- **ISO 11609:1995**
Dentistry—Toothpastes—Requirements, Test Methods and Marking
- **ISO 12163:1999**
Dental Baseplate/Modeling Wax
- **ISO 13294:1997**
Dental Handpieces—Dental Air-Motors
- **ISO 13295:1994**
Dental Rotary Instruments—Mandrels
- **ISO 13397-1:1995**
Periodontal Curettes, Dental Scalers and Excavators—Part 1: General Requirements
- **ISO 13397-2:1996**
Periodontal Curettes, Dental Scalers and Excavators—Part 2: Periodontal Curettes—GR-Type
- **ISO 13397-3:1996**
Periodontal Curettes, Dental Scalers and Excavators—Part 3: Dental Scalers—H-Type
- **ISO 13397-4:1997**
Periodontal Curettes, Dental Scalers and Excavators—Part 4: Dental Excavators—Discoid-Type
- **ISO/TR 13668:1998**
Digital Coding of Oral Health and Care
- **ISO 13716:1999**
Dentistry—Reversible-Irreversible Hydrocolloid Impression Material Systems
- **ISO 14727-2:1998**
Dental Implants—Prefabricated Parts Connecting Suprastructures to Dental Implants—Contents of Technical File
- **Z107.51-M1980 (R1999)**
Procedure for In-Situ Measurement of Noise From Industrial Equipment



Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Dave Shanahan at 416-747-2586 or dave.shanahan@csa.ca:

- **Z107.10, 1st edition**
Recognized International Standards on Acoustics, Sound Measurement, and Noise Control
-

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Cathryn Cortissoz at 416-747-2594 or cathryn.cortissoz@csa.ca:

- **CAN/CSA-Z264.3-98 (R2003)**
Standard for User-Applied Drug Labels in Anaesthesia and Critical Care
-

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
September 30, 2005	Publication of Technical Information Letter No. D-14C1, covering interim certification requirements for controllers for use in lifts for persons with physical disabilities. (Supersedes Technical Information Letter No. D-14B.)	Elevator Equipment No. 9



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