



**CANADIAN STANDARDS
ASSOCIATION**

INFO UPDATE

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Canadian Standards Association

Making Standards Work for People and Business

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

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

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

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

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

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

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find out just how convenient
and efficient it is to access
all the latest information.*

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.

▼ **Certification Notices**

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

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



Informatique et télécommunications

[CAN/CSA-ISO/CEI 8613-1-95 \(C2000\), 1^{re} édition](#)

Technologies de l'information—Architecture de document ouverte (ODA) et format d'échange: Introduction et principes généraux (norme ISO/CEI 8613-1:1994 adoptée)

[CAN/CSA-ISO/CEI 8613-5-95 \(C2000\), 1^{re} édition](#)

Technologies de l'information—Architecture de document ouverte (ODA) et format de transfert : Format ouvert de transfert de documents (norme ISO/CEI 8613-5:1994 adoptée)

[CAN/CSA-ISO/CEI 9545-95 \(C2004\), 1^{re} édition](#)

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Structure de la couche application (norme ISO/CEI 9545:1994 adoptée)

[CAN/CSA-ISO/CEI 9646-2-95 \(C2004\), 1^{re} édition](#)

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Cadre général et méthodologie des tests de conformité—Partie 2 : Spécification des suites de tests abstraites (norme ISO/CEI 9646-2:1994 adoptée)

[CAN/CSA-ISO/CEI 12119-95, 1^{re} édition](#)

Technologies de l'information—Progiciel—Exigences qualité et essais (norme ISO/CEI 12119:1994 adoptée)



Produits et matériaux de construction

[A123.2-03, 2^e édition](#)

Feutre à toiture revêtu de bitume

[A123.4-04, 3^e édition](#)

Bitume utilisé pour l'imperméabilisation de revêtements multicouches pour toitures



Electrical / Electronics

[CAN/CSA-CEI/IEC 61000-2-8:04, 1st edition \(bilingual\)](#)

Electromagnetic Compatibility (EMC)—Part 2-8: Environment—Voltage Dips and Short Interruptions on Public Electric Power Supply Systems with Statistical Measurement Results (Adopted CEI/IEC 61000-2-8:2002, first edition, without modification)

[CAN/CSA-CEI/IEC 61000-4-30:04, 1st edition \(bilingual\)](#)

Electromagnetic Compatibility (EMC)—Part 4-30: Testing and Measurement Techniques—Power Quality Measurement Methods (Adopted CEI/IEC 61000-4-30:2003, first edition, without modification)

[CAN/CSA-E61965:04, 2nd edition](#)

Mechanical Safety of Cathode Ray Tubes (Adopted IEC 61965:2003, second edition, without modification)

 **Électricité et électronique**

[C22.2 n° 18.5-02, 1^{re} édition](#)

Dispositifs de fixation (norme binationale avec UL 1565)

[C22.2 n° 107.3-03, 1^{re} édition](#)

Alimentations sans coupure (norme binationale avec UL 1778)

[CAN/CSA-CEI/IEC 61000-2-8:04, 1^{re} édition \(bilingue\)](#)

Compatibilité électromagnétique (CEM)–Partie 2-8: Environnement–Creux de tension et coupures brèves sur les réseaux d'électricité publics incluant des résultats de mesures statistiques (norme CEI/IEC 61000-2-8:2002, première édition, adoptée sans modifications)

[CAN/CSA-CEI/IEC 61000-4-30:04, 1^{re} édition \(bilingue\)](#)

Compatibilité électromagnétique (CEM)–Partie 4-30: Techniques d'essai et de mesure–Méthodes de mesure de la qualité de l'alimentation (norme CEI/IEC 61000-4-30:2003, première édition, adoptée sans modifications)

 **Énergie**

[B140.12-03, 4^e édition](#)

Appareils de combustion au mazout : chauffe-eau pour usage d'habitation, pour le chauffage des locaux et pour le chauffage des piscines

 **Gas**

[ANSI/CSA AMERICA FC 1-2004, 1st edition](#)

Stationary Fuel Cell Power Systems (formerly ANSI Z21.83)

 **Life Sciences**

[B335-04, 2nd edition](#)

Safety Standard for Lift Trucks

[CAN/CSA-C22.2 No. 60601-2-4:04, 2nd edition](#)

Medical Electrical Equipment–Part 2-4: Particular Requirements for the Safety of Cardiac Defibrillators (Adopted IEC 60601-2-4:2002, second edition, without modification)

[CAN/CSA-C22.2 No. 60601-2-26:04, 2nd edition \(bilingual\)](#)

Medical Electrical Equipment–Part 2-26: Particular Requirements for the Safety of Electroencephalographs (Adopted CEI/IEC 60601-2-26:2003, second edition, without modification)

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

Medical Electrical Equipment–Part 2-33: Particular Requirements for the Safety of Magnetic Resonance Equipment for Medical Diagnosis (Adopted IEC 60601-2-33:2002, second edition, without modification)

Life Sciences (cont'd)

[CAN/CSA-C22.2 No. 60601-2-49:04, 1st edition](#)

Medical Electrical Equipment—Part 2-49: Particular Requirements for the Safety of Multifunction Patient Monitoring Equipment (Adopted IEC 60601-2-49:2001, first edition, without modification)

[CAN/CSA-C22.2 No. 60601-2-51:04, 1st edition](#)

Medical Electrical Equipment—Part 2-51: Particular Requirements for Safety, Including Essential Performance, of Recording and Analysing Single Channel and Multichannel Electrocardiographs (Adopted IEC 60601-2-51:2003, first edition, without modification)

[Z902-04, 1st edition](#)

Blood and Blood Components



Sciences de la Vie

[CAN/CSA-C22.2 n° 60601-2-26:04, 2e édition \(bilingue\)](#)

Appareils électromédicaux—Partie 2-26: Règles particulières de sécurité—pour les électroencéphalographes (norme CEI/IEC 60601-2-26:2003, deuxième édition, adoptée sans modifications)

[Z314.7-03, 4^e édition](#)

Stérilisateurs à la vapeur pour les établissements de santé



Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-ISO/CEI 8613-1-95 (C2000), 1^{re} édition

Technologies de l'information–Architecture de document ouverte (ODA)

et format d'échange: Introduction et principes généraux

(norme ISO/CEI 8613-1:1994 adoptée) 135 \$

CAN/CSA-ISO/CEI 8613-5-95 (C2000), 1^{re} édition

Technologies de l'information–Architecture de document ouverte (ODA) et

format de transfert : Format ouvert de transfert de documents

(norme ISO/CEI 8613-5:1994 adoptée) 155 \$

CAN/CSA-ISO/CEI 9545-95 (C2004), 1^{re} édition

Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–

Structure de la couche application (norme ISO/CEI 9545:1994 adoptée).....

70 \$

CAN/CSA-ISO/CEI 9646-2-95 (C2004), 1^{re} édition

Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–

Cadre général et méthodologie des tests de conformité–Partie 2 : Spécification des

suites de tests abstraites (norme ISO/CEI 9646-2:1994 adoptée).....

95 \$

CAN/CSA-ISO/CEI 12119-95, 1^{re} édition

Technologies de l'information–Progiciel–Exigences qualité et essais

(norme ISO/CEI 12119:1994 adoptée)..... 60 \$

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 August 18, 2004.

Proposed Adoptions

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

- **ISO/IEC 2382-7:2000**

Information Technology–Vocabulary–Part 7

- **ISO/IEC 6592:2000**

Information Technology–Guidelines for the Documentation of Computer-Based Application Systems



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 6937:2001**
Information Technology—Coded Graphic Character Set for Text Communication—Latin Alphabet
- **ISO/IEC 7810:2003**
Identification Cards—Physical Characteristics
- **ISO/IEC 7812-1:2000**
Identification Cards—Identification of Issuers—Part 1: Numbering System
- **ISO/IEC 7812-2:2000**
Identification Cards—Identification of Issuers—Part 2: Application and Registration Procedures
- **ISO/IEC 7816-9:2000**
Identification Cards—Integrated Circuit(s) Cards with Contacts—Part 9: Additional Interindustry Commands and Security Attributes
- **ISO 8571-1-1988/Cor 1:1991**
(to be published as an errata to CAN/CSA-Z243.180-89)
Corrigendum 1:1991 to ISO 8571-1:1988, “Information Processing Systems—Open Systems Interconnection—File Transfer, Access and Management—Part 1: General Introduction”
- **ISO 8571-2:1988/Cor 1:1991**
(to be published as an errata to CAN/CSA-Z243.181-89)
Corrigendum 1:1991 to ISO 8571-2:1988, “Information Processing Systems—Open Systems Interconnection—File Transfer, Access and Management—Part 2: Virtual Filestore Definition”
- **ISO 8648:1988/Cor 1:1991**
(to be published as an errata to CAN/CSA-Z243.134-M88)
Corrigendum 1:1991 to ISO 8648:1988, “Information Processing Systems—Open Systems Interconnection—Internal Organization of the Network Layer”
- **ISO/IEC TR 8802-1:2001**
Information Technology—Telecommunications and Information Exchange Between Systems—Local and Metropolitan Area Networks—Specific Requirements—Part 1: Overview of Local Area Network Standards
- **ISO/IEC 8824-1:2002**
Information Technology—Abstract Syntax Notation One (ASN.1): Specification of Basic Notation
- **ISO/IEC 8824-2:2002**
Information Technology—Abstract Syntax Notation One (ASN.1): Information Object Specification
- **ISO/IEC 8824-3:2002**
Information Technology—Abstract Syntax Notation One (ASN.1): Constraint Specification



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 8824-4:2002**
Information Technology—Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 Specifications
- **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 8859-7:2003**
Information Technology—8-Bit Single-Byte Coded Graphic Character Sets—Part 7: Latin/Greek Alphabet
- **ISO/IEC 8859-11:2001**
Information Technology—8-Bit Single-Byte Coded Graphic Character Sets—Part 11: Latin/Thai Alphabet
- **ISO/IEC 9075-1:2003**
Information Technology—Database Languages—SQL—Part 1: Framework (SQL/Framework)
- **ISO/IEC 9075-2:2003**
Information Technology—Database Languages—SQL—Part 2: Foundation (SQL/Foundation)
- **ISO/IEC 9075-3:2003**
Information Technology—Database Languages—SQL—Part 3: Call-Level Interface (SQL/CLI)
- **ISO/IEC 9075-4:2003**
Information Technology—Database Languages—SQL—Part 4: Persistent Stored Modules (SQL/PSM)
- **ISO/IEC 9075-5:1999/Cor 2:2003**
Corrigendum 2:2003 to ISO/IEC 9075-5:1999, “Information Technology—Database Languages—SQL—Host Language Bindings (SQL/Bindings)”
- **ISO/IEC 9075-9:2003**
Information Technology—Database Languages—SQL—Part 9: Management of External Data (SQL/MED)
- **ISO/IEC 9075-10:2003**
Information Technology—Database Languages—SQL—Part 10: Object Language Bindings (SQL/OLB)
- **ISO/IEC 9075-13:2003**
Information Technology—Database Languages—SQL—Part 13: SQL Routines and Types Using the JAVA™ Programming Language (SQL/JRT)
- **ISO/IEC TR 9126-2:2003**
Software Engineering—Product Quality—Part 2: External Metrics



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC TR 9126-3:2003**
Software Engineering—Product Quality—Part 3: Internal Metrics
- **ISO/IEC 9314-20:2001**
Information Technology—Fibre Distributed Data Interface (FDDI)—Part 20: Abstract Test Suite for FDDI Physical Medium Dependent Conformance Testing (FDDI PMD ATS)
- **ISO/IEC 9314-21:2000**
Information Technology—Fibre Distributed Data Interface (FDDI)—Part 21: Abstract Test Suite for FDDI Physical Layer Protocol Conformance Testing (FDDI PHY ATS)
- **ISO/IEC 9314-26:2001**
Information Technology—Fibre Distributed Data Interface (FDDI)—Part 26: Media Access Control Conformance Testing (MAC-ATS)
- **ISO/IEC 9496:2003**
CHILL—The ITU-T Programming Language
- **ISO/IEC 9805-1:1998**
Information Technology—Open Systems Interconnection—Protocol for the Commitment, Concurrency and Recovery Service Element: Protocol Specification
- **ISO/IEC 9945-1:2003**
Information Technology—Portable Operating System Interface (POSIX)—Part 1: Base Definitions
- **ISO/IEC 9945-2:2003**
Information Technology—Portable Operating System Interface (POSIX)—Part 2: System Interfaces
- **ISO/IEC 9945-3:2003**
Information Technology—Portable Operating System Interface (POSIX)—Part 3: Shell and Utilities
- **ISO/IEC 9945-4:2003**
Information Technology—Portable Operating System Interface (POSIX)—Part 4: Rationale
- **ISO/IEC 10021-1:2003**
Information Technology—Message Handling Systems (MHS)—Part 1: System and Service Overview
- **ISO/IEC 10021-2:2003**
Information Technology—Message Handling Systems (MHS): Overall Architecture



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 10021-4:2003**
Information Technology—Message Handling Systems (MHS): Message Transfer System—Abstract
- **ISO/IEC 10021-6:2003**
Information Technology—Message Handling Systems (MHS): Protocol Specifications
- **ISO/IEC 10021-7:2003**
Information Technology—Message Handling Systems (MHS): Interpersonal Messaging System
- **ISO/IEC TR 10032:2003**
Information Technology—Reference Model of Data Management
- **ISO/IEC 10118-3:2004**
Information Technology—Security Techniques—Hash-Functions—Part 3: Dedicated Hash-Functions
- **ISO/IEC 10179:1996/Amd 1:2003**
Amendment 1:2003, “Extensions to DSSSL,” to ISO/IEC 10179:1996, “Information Technology—Processing Languages—Document Style Semantics and Specification”
- **ISO/IEC 10373-6:2001/Amd 2:2003**
Amendment 2:2003, “Improved RF Test Methods,” to ISO/IEC 10373-6:2001, “Identification Cards—Test Methods—Part 6: Proximity Cards”
- **ISO/IEC 10589:2002**
Information Technology—Telecommunications and Information Exchange Between Systems—Intermediate System to Intermediate System Intra-Domain Routing Information Exchange Protocol for Use in Conjunction with the Protocol for Providing the Connectionless-Mode Network Service (ISO 8473)
- **ISO/IEC ISP 10611-1:2003**
Information Technology—International Standardized Profiles AMH1n—Message Handling Systems—Common Messaging—Part 1: MHS Service Support
- **ISO/IEC ISP 10611-3:2003**
Information Technology—International Standardized Profiles AMH1n—Message Handling Systems—Common Messaging—Part 3: AMH11—Message Transfer (P1)
- **ISO/IEC ISP 10611-4:2003**
Information Technology—International Standardized Profiles AMH1n—Message Handling Systems—Common Messaging—Part 4: AMH12 and AMH14—MTS Access (P3) and MTS 94 Access (P3)



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC ISP 10611-6:2003**
Information Technology—International Standardized Profiles AMH1n—Message Handling Systems—Common Messaging—Part 6: AMH15—MS 94 Access (P7)
- **ISO/IEC 11179-3:2003**
Information Technology—Metadata Registries (MDR)—Part 3: Registry Metamodel and Basic Attributes
- **ISO/IEC ISP 12062-1:2003**
Information Technology—International Standardized Profiles AMH2n—Message Handling Systems—Interpersonal Messaging—Part 1: IPM MHS Service Support
- **ISO/IEC ISP 12062-2:2003**
Information Technology—International Standardized Profiles AMH2n—Message Handling Systems—Interpersonal Messaging—Part 2: AMH21—IPM Content
- **ISO/IEC ISP 12062-3:2003**
Information Technology—International Standardized Profiles AMH2n—Message Handling Systems—Interpersonal Messaging—Part 3: AMH22—IPM Requirements for Message Transfer (P1)
- **ISO/IEC ISP 12062-4:2003**
Information Technology—International Standardized Profiles AMH2n—Message Handling Systems—Interpersonal Messaging—Part 4: AMH23 and AMH25—IPM Requirements for MTS Access (P3) and MTS 94 Access (P3)
- **ISO/IEC ISP 12062-5:2003**
Information Technology—International Standardized Profiles AMH2n—Message Handling Systems—Interpersonal Messaging—Part 5: AMH24—IPM Requirements for Enhanced MS Access (P7)
- **ISO/IEC ISP 12062-6:2003**
Information Technology—International Standardized Profiles AMH2n—Message Handling Systems—Interpersonal Messaging—Part 6: AMH26—IPM Requirements for Enhanced MS 94 Access (P7)
- **ISO/IEC 12207:1995/Amd 1:2002**
Amendment 1:2002 to ISO/IEC 12207:1995, “Information Technology—Software Life Cycle Processes”
- **ISO/IEC 13240:2001**
Information Technology—Document Description and Processing Languages—Interchange Standard for Multimedia Interactive Documents (ISMID)



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 13240:2001/Cor 1:1992**
Corrigendum 1:2003 to ISO/IEC 13240:2001, “Information Technology–Document Description and Processing Languages–Interchange Standard for Multimedia Interactive Documents (ISMID)”
- **ISO/IEC 13249-1:2002**
Information Technology–Database Languages–SQL Multimedia and Application Packages–Part 1: Framework
- **ISO/IEC 13249-2:2003**
Information Technology–Database Languages–SQL Multimedia and Application Packages–Part 2: Full-Text
- **ISO/IEC 13249-3:2003**
Information Technology–Database Languages–SQL Multimedia and Application Packages–Part 3: Spatial
- **ISO/IEC 13249-5:2003**
Information Technology–Database Languages–SQL Multimedia and Application Packages–Part 5: Still Image
- **ISO/IEC 13250:2003**
Information Technology–SGML Applications–Topic Maps
- **ISO/IEC 13818-1:2000/Amd 1:2003**
Amendment 1:2003, “Carriage of Metadata over ISO/IEC 13818-1 Streams,” to ISO/IEC 13818-1:2000, “Information Technology–Generic Coding of Moving Pictures and Associated Audio Information: Systems”
- **ISO/IEC 13818-1:2000/Amd 2:2004**
Amendment 2:2004, “Support of IPMP on MPEG-2 Systems,” to ISO/IEC 13818-1:2000, “Information Technology–Generic Coding of Moving Pictures and Associated Audio Information: Systems”
- **ISO/IEC 13818-7:2003**
Information Technology–Generic Coding of Moving Pictures and Associated Audio Information–Part 7: Advanced Audio Coding (AAC)
- **ISO/IEC 13818-7:2003/Amd 1:2004**
Amendment 1:2004, “Embedding of Bandwidth Extensions,” to ISO/IEC 13818-7:2003, “Information Technology–Generic Coding of Moving Pictures and Associated Audio Information–Part 7: Advanced Audio Coding (AAC)”



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 13865:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Specification, Functional Model and Information Flows—Call Transfer Supplementary Service
- **ISO/IEC 13870:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Inter-Exchange Signalling Protocol—Call Completion Supplementary Services
- **ISO/IEC 13872:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Specification, Functional Model and Information Flows—Call Diversion Supplementary Services
- **ISO/IEC 13874:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Inter-Exchange Signalling Protocol—Path Replacement Additional Network Feature
- **ISO/IEC 14492:2001/Amd 2:2003**
Amendment 2:2003, “Extension of Adaptive Templates for Halftone Coding,” to ISO/IEC 14492:2001, “Information Technology—Lossy/Lossless Coding Of Bi-Level Images”
- **ISO/IEC 14496-1:2001/Amd 4:2003**
Amendment 4:2003, “SL Extensions and AFX Streams,” to ISO/IEC 14496-1:2001, “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/Amd 1:2004**
Amendment 1:2004, “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**
Amendment 1:2003, “Bandwidth Extension,” to ISO/IEC 14496-3:2001, “Information Technology—Coding of Audio-Visual Objects—Part 3: Audio”
- **ISO/IEC 14496-14:2003**
Information Technology—Coding of Audio-Visual Objects—Part 14: MP4 File Format



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 14651:2001/Amd 1:2003**
Amendment 1:2003 to ISO/IEC 14651:2001, “Information Technology–International String Ordering and Comparison–Method for Comparing Character Strings and Description of the Common Template Tailorable Ordering”
- **ISO/IEC 14843:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Call Offer Supplementary Service
- **ISO/IEC 14844:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Do Not Disturb and Do Not Disturb Override Supplementary Services
- **ISO/IEC 14846:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Call Intrusion Supplementary Service
- **ISO/IEC 14882:2003**
Programming Languages–C++
- **ISO/IEC 15050:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Advice of Charge Supplementary Services
- **ISO/IEC 15051:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Specification, Functional Model and Information Flows–Recall Supplementary Service
- **ISO/IEC 15053:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Specification, Functional Model and Information Flows–Call Interception Additional Network Feature
- **ISO/IEC 15054:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Call Interception Additional Network Feature



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 15429:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Wireless Terminal Location Registration Supplementary Service and Wireless Terminal Information Exchange Additional Network Feature
- **ISO/IEC 15431:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Wireless Terminal Call Handling Additional Network Features
- **ISO/IEC 15433:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Wireless Terminal Authentication Supplementary Services
- **ISO/IEC 15444-1:2000**
Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System
- **ISO/IEC 15444-1:2000/Cor 1:2002**
Corrigendum 1:2002 to ISO/IEC 15444-1:2000, “Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System”
- **ISO/IEC 15444-1:2000/Cor 2:2002**
Corrigendum 2:2002 to ISO/IEC 15444-1:2000, “Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System”
- **ISO/IEC 15444-1:2000/Cor 3:2002**
Corrigendum 3:2002 to ISO/IEC 15444-1:2000, “Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System”
- **ISO/IEC 15444-1:2000/Amd 1:2002**
Amendment 1:2002, “Codestream Restrictions,” to ISO/IEC 15444-1:2000, “Information Technology–JPEG 2000 Image Coding System–Part 1: Core Coding System”
- **ISO/IEC 15444-5:2003**
Information Technology–JPEG 2000 Image Coding System Reference Software
- **ISO/IEC 15444-5:2003/Amd 1:2003**
Amendment 1:2003, “Reference Software for JP2 File Format,” to ISO/IEC 15444-5:2003, “Information Technology–JPEG 2000 Image Coding System Reference Software”



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 15444-6:2003**
Information Technology–JPEG 2000 Image Coding System–Part 6: Compound Image File Format
- **ISO/IEC 15444-12:2004**
Information Technology–JPEG 2000 Image Coding System–Part 12: ISO Base Media File Format
- **ISO/IEC 15504-2:2003**
Information Technology–Process Assessment–Part 2: Performing an Assessment
- **ISO/IEC 15504-2:2003/Cor 1:2004**
Corrigendum 1:2004 to ISO/IEC 15504-2:2003, “Information Technology–Process Assessment–Part 2: Performing an Assessment”
- **ISO/IEC 15505:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Specification, Functional Model and Information Flows–Message Waiting Indication Supplementary Service
- **ISO/IEC 15693-1:2000**
Identification Cards–Contactless Integrated Circuit(s) Cards–Vicinity Cards–Part 1: Physical Characteristics
- **ISO/IEC 15693-2:2000**
Identification Cards–Contactless Integrated Circuit(s) Cards–Vicinity Cards–Part 2: Air Interface and Initialization
- **ISO/IEC 15693-2:2000/Cor 1:2001**
Corrigendum 1:2001 to ISO/IEC 15693-2:2000, “Identification Cards–Contactless Integrated Circuit(s) Cards–Vicinity Cards–Part 2: Air Interface and Initialization”
- **ISO/IEC 15772:2003**
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Common Information Additional Network Feature
- **ISO/IEC 15938-5:2003**
Information Technology–Multimedia Content Description Interface–Part 5: Multimedia Description Schemes
- **ISO/IEC 15938-6:2003**
Information Technology–Multimedia Content Description Interface–Part 6: Reference Software



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC TR 15942:2000**
Information Technology—Programming Languages—Guide for the Use of the Ada Programming Language in High Integrity Systems
- **ISO/IEC 15991:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Specification, Functional Model and Information Flows—Call Priority Interruption and Call Priority Interruption Protection Supplementary Services
- **ISO/IEC 15992:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Inter-Exchange Signalling Protocol—Call Priority Interruption and Call Priority Interruption Protection Supplementary Services
- **ISO/IEC 16022:2000**
Information Technology—International Symbolism Specification—Data Matrix
- **ISO/IEC 16023:2000**
Information Technology—International Symbolism Specification—MaxiCode
- **ISO/IEC 16382:2000**
Information Technology—Data Interchange on 12,7 mm 208-Track Magnetic Tape Cartridges—DLT 6 Format
- **ISO/IEC 16485:2000**
Information Technology—Mixed Raster Content (MRC)
- **ISO/IEC 17309:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Mapping Functions for the Employment of a Circuit Mode Basic Service and the Supplementary Service User-to-User Signalling as a Pair of On-Demand Inter-PINX Connections
- **ISO/IEC 17310:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Mapping Functions for the Employment of 64 kbit/s Circuit Mode Connections with 16 kbit/s Sub-Multiplexing
- **ISO/IEC 17311:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Mapping Functions for the Employment of 64 kbit/s Circuit Mode Connections with 8 kbit/s Sub-Multiplexing

Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC 17343:2004**
Information Technology—Telecommunications and Information Exchange Between Systems—Corporate Telecommunication Networks—Signalling Interworking Between QSIG and SIP—Basic Services
- **ISO/IEC 17462:2000**
Information Technology—3,81 mm Wide Magnetic Tape Cartridge for Information Interchange—Helical Scan Recording—DDS-4 Format
- **ISO/IEC 17799:2000**
Information Technology—Code of Practice for Information Security Management
- **ISO/IEC 17875:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Specification, Functional Model and Information Flows—Private User Mobility (PUM)—Registration Supplementary Service
- **ISO/IEC 17876:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Inter-Exchange Signalling Protocol—Private User Mobility (PUM)—Registration Supplementary Service
- **ISO/IEC 17877:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Specification, Functional Model and Information Flows—Private User Mobility (PUM)—Call Handling Additional Network Features
- **ISO/IEC 17878:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Inter-Exchange Signalling Protocol—Private User Mobility (PUM)—Call Handling Additional Network Features
- **ISO/IEC 17913:2000**
Information Technology—12,7mm 128-Track Magnetic Tape Cartridge for Information Interchange—Parallel Serpentine Format
- **ISO/IEC 18004:2000**
Information Technology—Automatic Identification and Data Capture Techniques—Bar Code Symbolology—QR Code
- **ISO/IEC 18014-3:2004**
Information Technology—Security Techniques—Time-Stamping Services—Part 3: Mechanisms Producing Linked Tokens



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC TR 18016:2003**
Information Technology—Message Handling Systems (MHS): Interworking with Internet E-Mail
- **ISO/IEC 18019:2004**
Software and System Engineering—Guidelines for the Design and Preparation Of User Documentation for Application Software
- **ISO/IEC 18036:2003**
Information Technology—Icon Symbols and Functions for World Wide Web Browser Toolbars
- **ISO/IEC 18051:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Services for Computer Supported Telecommunications Applications (CSTA) Phase III
- **ISO/IEC 18052:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Protocol for Computer Supported Telecommunications Applications (CSTA) Phase III
- **ISO/IEC TR 18053:2000**
Information Technology—Telecommunications and Information Exchange Between Systems—Glossary of Definitions and Terminology for Computer Supported Telecommunications Applications (CSTA) Phase III
- **ISO/IEC 18057:2004**
Information Technology—Telecommunications and Information Exchange Between Systems—Using ECMA-323 (CSTA XML) in a Voice Browser Environment
- **ISO/IEC 19500-2:2003**
Information Technology—Open Distributed Processing—Part 2: General Inter-ORB Protocol (GIOP)/Internet Inter-ORB Protocol (IIOP)
- **ISO/IEC TR 19758:2003**
Information Technology—Document Description and Processing Languages—DSSSL Library for Complex Compositions
- **ISO/IEC TR 19760:2003**
Systems Engineering—A Guide for the Application of ISO/IEC 15288 (System Life Cycle Processes)
- **ISO/IEC 20926:2003**
Software Engineering—IFPUG 4.1 Unadjusted Functional Size Measurement Method—Counting Practices Manual

Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **ISO/IEC TR 20943-1:2003**
Information Technology—Procedures for Achieving Metadata Registry Content Consistency—Part 1: Data Elements
- **ISO/IEC 21992:2003**
Information Technology—Telecommunications and Information Exchange Between Systems—Private Integrated Services Network—Mapping Functions for the Tunnelling of QSIG Through IP Networks
- **ISO/IEC 23270:2003**
Information Technology—C# Language Specification
- **ISO/IEC 23271:2003**
Information Technology—Common Language Infrastructure
- **ISO/IEC TR 23272:2003**
Information Technology—Common Language Infrastructure—Profiles and Libraries
- **ISO/IEC 23651:2003**
Information Technology—8 Mm Wide Magnetic Tape Cartridge for Information Interchange—Helical Scan Recording—AIT-3 Format
- **ISO/IEC 90003:2004**
Software Engineering—Guidelines for the Application of ISO 9001:2000 to Computer Software



Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

A123.2-03, 2^e édition

Feutre à toiture revêtu de bitume 65 \$

Cette norme traite du feutre à toiture revêtu de bitume constitué d'un feutre organique imprégné à cœur de bitume sur l'une ou ses deux faces. Selon l'utilisation prévue, ces feutres peuvent avoir un surfaçage grossier ou fin.

A123.4-04, 3^e édition

Bitume utilisé pour l'imperméabilisation de revêtements multicouches pour toitures 65 \$

Cette norme traite du bitume utilisé comme colle chaude et enduit de surface dans la réalisation de revêtements multicouches pour les toitures-terrasses à pentes et de types divers, ainsi que de travaux d'imperméabilisation.

Amendments

CAN/CSA-B45 Series-02

Plumbing Fixtures

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

CAN/CSA-B1800-02

Plastic Nonpressure Pipe Compendium

Revision the outside and inside front cover, and the title pages. Revision of Figure 14 of B182.2-02.

Modifications publiées en français

CAN/CSA-Série B45-02

Appareils sanitaires

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

CAN/CSA-B1800-02

Recueil de normes sur les tuyaux sans pression en plastique

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'aux pages titre, et à la figure 14 de la norme B182.2-02.



Reaffirmed Standards

CAN/CSA-A438-00 (R2004)

Concrete Construction for Housing and Small Buildings

Under Development

Notice of Intent

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

- **A23.4/A251, 4th edition**
Precast Concrete—Materials and Construction / Qualification Code for Architectural and Structural Precast Concrete Products

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 August 18, 2004.

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:

- **B66, 6th edition**
Prefabricated Septic Tanks and Sewage Holding Tanks
- **B137 Series, 3rd edition**
Thermoplastic Pressure Piping Compendium
- **B242, 3rd edition**
Groove and Shoulder Type Mechanical Pipe Couplings
- **B602, 4th edition**
Mechanical Couplings for Drain, Waste and Vent Pipes
- **B1800 Series, 3rd edition**
Plastic Non-Pressure Piping Compendium

Proposed Amendments

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

- **B356-00**
Water Pressure Reducing Valves
Proposed revision of various clauses.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
May 10, 2004	Publication of Technical Information Letter No. MSE-41, covering technical requirements for glass lavatories, not addressed in CSA standard B45-02.	Plumbing Products No. 149
May 10, 2004	Publication of Technical Information Letter No. MSE-43, covering technical requirements for non-water-condensing urinals, not addressed in CSA standard B45-02.	Plumbing Products No. 151

Certification Notices

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

Effective Date	Subject	Title
► November 30, 2004	Publication of Technical Information Letter MSE-42, covering technical requirements for flexible water connectors, not addressed in CSA standard B125-01.	Plumbing Products No. 150
January 30, 2005 & 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

CAN/CSA-CEI/IEC 61000-2-8:04, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 2-8: Environment–Voltage Dips and Short Interruptions on Public Electric Power Supply Systems with Statistical Measurement Results (Adopted CEI/IEC 61000-2-8:2002, first edition, without modification) \$165

This standard describes the electromagnetic disturbance phenomena of voltage dips and short interruptions in terms of their sources, effects, remedial measures, methods of measurement, and measurement results (insofar as these are available). They are discussed primarily as phenomena observed on the networks of public electricity supply systems and having an effect on electrical equipment receiving its energy supply from those systems.

“Voltage sag” is an alternative name for “voltage dip”.

CAN/CSA-CEI/IEC 61000-4-30:04, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-30: Testing and Measurement Techniques–Power Quality Measurement Methods (Adopted CEI/IEC 61000-4-30:2003, first edition, without modification) \$165

This standard defines the methods for measurement and interpretation of results for power quality parameters in 50/60 Hz a.c. power supply systems.

Measurement methods are described for each relevant type of parameter in terms that will make it possible to obtain reliable, repeatable and comparable results, regardless of the compliant instrument being used and regardless of its environmental conditions. This standard addresses measurement methods for *in situ* measurements.

Measurement of parameters covered by this standard is limited to those phenomena that can be conducted in a power system. These include the voltage and/or current parameters, as appropriate.

The power quality parameters considered in this standard are power frequency, magnitude of the supply voltage, flicker, supply voltage dips and swells, voltage interruptions, transient voltages, supply voltage unbalance, voltage and current harmonics and interharmonics, mains signalling on the supply voltage, and rapid voltage changes. Depending on the purpose of the measurement, all or a subset of the phenomena on this list may be measured.

This standard is a performance specification, not a design specification. The uncertainty tests in the ranges of influence quantities in this standard determine the performance requirements.

This standard gives measurement methods but does not set thresholds.

The effects of transducers being inserted between the power system and the instrument are acknowledged but not addressed in detail in this standard. Precautions on installing monitors on live circuits are addressed.



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

CAN/CSA-E61965:04, 2nd edition

Mechanical Safety of Cathode Ray Tubes (Adopted IEC 61965:2003, second edition, without modification)..... \$170

This standard applies to cathode ray tubes and cathode ray tube assemblies that are intended for use as components in apparatus and that have integral protection with respect to the effects of implosion.

These requirements apply to CRTs intended for use in apparatus including electrical and electronic measuring and testing equipment, information technology equipment, medical equipment, telephone equipment, television equipment, and other similar electronic apparatus.

The CRTs covered by this standard are intended to be installed in an enclosure designed both to protect the rear of the CRT against mechanical or other damage under normal conditions of operation and to protect the user against particles expelled in a backwards direction from the CRT face in the event of implosion.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 18.5-02, 1^{re} édition

Dispositifs de fixation (norme binationale avec UL 1565) 165 \$

Cette norme s'applique aux dispositifs, métalliques et non métalliques servant à fixer – notamment mettre en paquet et assujettir – ou, jusqu'à un certain point, supporter les câbles, les fils électriques, les conduits, ou les tubes du système de câblage d'une installation électrique, pour réduire les risques d'incendie, de choc électrique ou de blessures corporelles. Cette norme s'applique notamment aux attaches pour câble, aux blocs de montage des attaches pour câble, aux brides pour câble, aux colliers pour câble et fourreau et aux fourreaux autres que des canalisations.

C22.2 n° 107.3-03, 1^{re} édition

Alimentations sans coupure (norme binationale avec UL 1778) 485 \$

Cette norme s'applique aux alimentations sans coupure. La fonction essentielle d'une alimentation sans coupure, dans le contexte de cette norme, est d'assurer la continuité d'une alimentation électrique alternative. L'alimentation sans coupure peut aussi servir à améliorer la qualité de l'alimentation électrique en maintenant celle-ci à l'intérieur d'une plage de caractéristiques préétablie. Cette norme vise les alimentations sans coupure mobiles, fixes et intégrées, destinées à des systèmes de distribution d'au plus 600 V c.a. L'appareillage en question est conçu pour être installé conformément au *Code canadien de l'électricité, Première partie* (CSA C22.1) ou au *National Electrical Code* (ANSI/NFPA 70), et, sauf indication particulière, à la norme ANSI/NFPA 75 (*Standard for the Protection of Electronic Computer Data-Processing Equipment*).



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-CEI/IEC 61000-2-8:04, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 2-8: Environnement–

Creux de tension et coupures brèves sur les réseaux d'électricité publics incluant des résultats de mesures statistiques

(norme CEI/IEC 61000-2-8:2002, première édition, adoptée sans modifications) 165 \$

Ce rapport technique décrit les phénomènes électromagnétiques de perturbation des creux de tension et des coupures brèves en termes de leurs origines, effets, mesures correctrices, méthodes de mesures, et de résultats de mesures (pour autant qu'ils soient disponibles). Ils sont discutés essentiellement comme des phénomènes observés sur les réseaux d'électricité publics et ayant un effet sur l'appareillage électrique alimenté en énergie par ces réseaux.

Le creux de tension exprime la notion des termes anglais «voltage sag» et «voltage dip».

CAN/CSA-CEI/IEC 61000-4-30:04, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 4-30: Techniques d'essai et de mesure–

Méthodes de mesure de la qualité de l'alimentation (norme CEI/IEC 61000-4-30:2003, première édition, adoptée sans modifications)

165 \$

La présente partie de la CEI 61000-4 définit les méthodes de mesure des paramètres de qualité de l'alimentation des réseaux à courant alternatif 50/60 Hz et la façon d'interpréter les résultats.

Pour chaque type de paramètre concerné, les méthodes de mesure sont décrites. Elles permettent d'obtenir des résultats fiables, reproductibles et comparables, ceci, quel que soit l'instrument utilisé en conformité avec la présente norme et quelles que soient ses conditions d'environnement. La présente norme porte sur les méthodes de mesure destinées aux mesures sur site.

La mesure des paramètres couverts par la présente norme se limite aux phénomènes susceptibles de se propager sur un réseau d'énergie électrique. Ils concernent selon les cas ceux relatifs à la tension et/ou au courant.

Les paramètres de qualité de l'alimentation pris en compte dans le présent document sont la fréquence, l'amplitude de la tension d'alimentation, le papillotement («flicker»), les creux et les surtensions temporaires d'alimentation, les coupures de tension, les tensions transitoires, le déséquilibre de tension d'alimentation, les harmoniques et interharmoniques de tension et de courant, les signaux transmis sur la tension d'alimentation et les variations rapides de tension.

En fonction de l'objet de la mesure, les mesures peuvent porter soit sur une partie des phénomènes de cette liste, soit sur l'ensemble.

La présente norme définit des méthodes de mesure mais ne constitue pas une spécification de réalisation. Les essais de précision dans le domaine de variation des grandeurs d'influence de la présente norme sont utilisés comme exigence fonctionnelle.

La présente norme indique des méthodes de mesure sans fixer de seuils.

Les effets des transducteurs placés entre le réseau et l'appareil de mesure sont pris en compte mais non traités en détail dans la présente norme. Les précautions à prendre pour installer des instruments de mesure sur des circuits sous tension sont indiquées dans la présente norme.



Reaffirmed Standards

CAN3-C17-M84 (R2004)

Alternating-Current Electricity Metering

C22.2 No. 9.0-96S1 (R2004)

Supplement No. 1 to C22.2 No. 9.0-96, General Requirements for Luminaires

C22.2 No. 12-1982 (R2004)

Portable Luminaires

CAN/CSA-C22.2 No. 71.1-M89 (R2004)

Portable Electric Tools

C22.2 No. 89-1976 (R2004)

Swimming-Pool Luminaires, Submersible Luminaires and Accessories

C22.2 NO. 125-M1984 (R2004)

Electromedical Equipment

CAN/CSA-C22.2 No. 147-M90 (R2004)

Motor-Operated Gardening Appliances

C22.2 No. 166-M1983 (R2004)

Stage and Studio Luminaires

CAN/CSA-C22.2 No. 189-M89 (R2004)

High-Voltage Insect Killers

C22.2 No. 206-M1987 (R2004)

Lighting Poles

CAN/CSA-C22.2 No. 207-M89 (R2004)

Portable and Stationary Electric Signs and Displays

C22.3 No. 4-1974 (R2004)

Control of Electrochemical Corrosion of Underground Metallic Structures

CAN/CSA-C156.1-M86 (R2004)

Ceramic and Glass Station Post Insulators

CAN/CSA-C156.3-M86 (R2004)

Test Methods for Station Post Insulators

CAN/CSA-C411.1-M89 (R2004)

AC Suspension Insulators

CAN/CSA-E335-1/2E-94 (R2004)

Safety of Household and Similar Electrical Appliances Part 1: General Requirements
(Adopted IEC 335-1:1976)



Reaffirmed Standards (cont'd)

CAN/CSA-E335-1/3E-94 (R2004)

Safety of Household and Similar Electrical Appliances Part 1: General Requirements
(Adopted IEC 335-1:1976)

CAN/CSA-E335-2-3-94 (R2004)

Safety of Household and Similar Electrical Appliances Part 2: Particular Requirements for Electric Irons (Adopted IEC 335-2-3:1993)

CAN/CSA-E335-2-5-94 (R2004)

Safety of Household and Similar Electrical Appliances Part 2: Particular Requirements for Dishwashers (Adopted IEC 335-2-5:1992)

CAN/CSA-E335-2-8-94 (R2004)

Safety of Household and Similar Electrical Appliances Part 2: Particular Requirements for Shavers, Hair Clippers and Similar Appliances (Adopted IEC 335-2-8:1992)

CAN/CSA-E335-2-10-94 (R2004)

Safety of Household and Similar Electrical Appliances—Part 2: Particular Requirements for Floor Treatment Machines and Wet Scrubbing Machines (Adopted IEC 335-2-10:1992)

CAN/CSA-E335-2-12-94 (R2004)

Safety of Household and Similar Electrical Appliances—Part 2: Particular Requirements for Warming Plates and Similar Appliances (Adopted IEC 335-2-12:1992)

CAN/CSA-E335-2-57-94 (R2004)

Safety of Household and Similar Electrical Appliances Part 2: Particular Requirements for Ice-Cream Appliances with Incorporated Motor-Compressors (Adopted IEC 335-2-57:1989)

CAN/CSA-E335-2-63-94 (R2004)

Safety of Household and Similar Electrical Products Part 2: Commercial Electric Water Boilers and Liquid Heaters (Adopted IEC 335-2-63:1990)

Withdrawn Standards

C49.4-1978 (R1999)

Concentric-Lay Aluminum Stranded Conductors (ASC)

CAN3-C49.6-M85 (R2000)

Zinc-Coated Steel Wires for Use in Overhead Electrical Conductors

CAN3-C49.7-M85 (R1999)

Aluminum Round Wires for Use in Overhead Electrical Conductors

C108.8-M1983 (R2000)

Electromagnetic Emissions from Data Processing Equipment and Electronic Office Machines



Withdrawn Standards (cont'd)

CAN/CSA-E60079-14:02

Electrical Apparatus for Explosive Gas Atmospheres—Part 14: Electrical Installations in Hazardous Areas (Other Than Mines) (Adopted IEC 79-14:1996)

CSA has withdrawn its endorsement of the following IEC standard:

- **IEC 60707 (1999)**
Flammability of Solid Non-Metallic Materials when Exposed to Flame Sources—List of Test Methods

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact David Hulford at 416-747-2740 or david.hulford@csa.ca:

- **C22.2 No. 107.3, 2nd edition**
Uninterruptible Power Systems
- **C22.2 No. 250.4, 1st edition**
Portable Luminaires
- **C22.2 No. 250.7, 1st edition**
Extra-Low-Voltage Landscape Lighting Systems
- **C22.2 No. 250.8, 1st edition**
Extension Handlamps

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 August 18, 2004.

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. 178.1, 1st edition**
Transfer Switches
- **C22.2 No. 198.1, 2nd edition**
Extruded Insulating Tubing
- **C22.2 No. 198.3, 2nd edition**
Coated Electrical Sleeving



Drafts for Public Review (cont'd)

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:

- **C22.2 No. 243-01**
Vacuum Cleaners, Blower Cleaners and Household Floor Finishing Machines
Proposed revision of various clauses.

Proposed Adoptions

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

- **IEC 60826:2003, edition 3.0**
Design Criteria of Overhead Transmission Lines
- **IEC 61000-4-11:2004, edition 2.0**
Electromagnetic Compatibility (EMC)–Part 4-11: Testing and Measurement Techniques–Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests
- **IEC 60044-1:2003, edition 1.2 (to be published as CAN/CSA-C60044-1)**
Instrument Transformers–Part 1: Current Transformers
- **IEC 60044-2:2003, edition 1.2 (to be published as CAN/CSA-C60044-2)**
Instrument Transformers–Part 2: Inductive Voltage Transformers
- **IEC 60044-3:2002, edition 2.0 (to be published as CAN/CSA-C60044-3)**
Instrument Transformers–Part 3: Combined Transformers
- **IEC 60044-5:2004, edition 1.0 (to be published as CAN/CSA-C60044-5)**
Instrument Transformers–Part 5: Capacitor Voltage Transformer
- **IEC 60044-6:1992, edition 1.0 (to be published as CAN/CSA-C60044-6)**
Instrument Transformers–Part 6: Requirements for Protective Current Transformers for Transient Performance

The proposed adoption of the 60044 series standards will include Canadian deviations.

For more information about the proposed adoption of the following IEC standards, contact David Hulford at 416-747-2740 or david.hulford@csa.ca:

- **IEC 60335-2-2:2003, edition 5**
Household and Similar Electrical Appliances–Safety–Part 2-2: Particular Requirements for Vacuum Cleaners and Water Suction Cleaning Appliances
- **IEC 60335-2-3:2002, edition 5**
Household and Similar Electrical Appliances–Safety–Part 2-3: Particular Requirements for Electric Irons



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **IEC 60335-2-5:2003, edition 5**
Household and Similar Electrical Appliances–Safety–Part 2-5: Particular Requirements for Dishwashers
- **IEC 60335-2-8:2002, edition 5**
Household and Similar Electrical Appliances–Safety–Part 2-8: Particular Requirements for Electric Shavers, Hair Clippers and Similar Appliances
- **IEC 60335-2-9:2002, edition 5**
Household and Similar Electrical Appliances–Safety–Part 2-9: Particular Requirements for Grills, Toasters and Similar Portable Cooking Appliances
- **IEC 60335-2-10:2002, edition 5**
Household and Similar Electrical Appliances–Safety–Part 2-10: Particular Requirements for Floor Treatment Machines and Wet Scrubbing Machines
- **IEC 60335-2-12:2003, edition 6.1**
Household and Similar Electrical Appliances–Safety–Part 2-12: Particular Requirements for Warming Plates and Similar Appliances
- **IEC 60335-2-13:2002, edition 5**
Household and Similar Electrical Appliances–Safety–Part 2-13: Particular Requirements for Deep Fat Fryers, Frying Pans and Similar Appliances
- **IEC 60335-2-70:2002, edition 2**
Household and Similar Electrical Appliances–Safety–Part 2-70: Particular Requirements for Milking Machines
- **IEC 60335-2-71:2002, edition 2**
Household and Similar Electrical Appliances–Safety–Part 2-71: Particular Requirements for Electrical Heating Appliances for Breeding and Rearing Animals
- **IEC 60730-1:02-am1 (2003-05)**
Amendment 1:2003 to IEC 60730-1:02, “Automatic Electrical Controls for Household and Similar Use–Part 1: General Requirements”
- **IEC 60730-2-2:2001, edition 2**
Automatic Electrical Controls for Household and Similar Use–Part 2: Particular Requirements for Thermal Motor Protectors
- **IEC 60730-2-5:2000, edition 3**
Automatic Electrical Controls for Household and Similar Use–Part 2: Particular Requirements for Automatic Electrical Burner Control Systems
- **IEC 60730-2-8:01-am1 (2002-11)**
Amendment 1:2002 to IEC 60730-2-8:01, “Automatic Electrical Controls for Household and Similar Use–Part 2: Particular Requirements for Electrically Operated Water Valves, Including Mechanical Requirements”

Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **IEC 60730-2-9:01-am1 (2002-8)**
Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Temperature Sensing Controls

Proposed Withdrawal of Standards

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

- **IEC 60795, Edition 1.0 (1984)**
Test Method for Evaluating Thermal Endurance of Flexible Sheet Materials Using the Wrapped Tube Method

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
April 30, 2004	Publication of Amendment 1:2002 to CAN/CSA-E60974-1:00, <i>Arc Welding Equipment—Part 1: Welding Power Sources.</i>	Welding Equipment No. 6
May 21, 2004	Introduction of a Component Acceptance Service for clock-operated switches.	Component Acceptance Service No. 38
June 1, 2004	Publication of CSA standard C22.2 No. 124-04, <i>Mineral-Insulated Cable.</i>	Wire and Cable No. 111



Certification Notices

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

Effective Date	Subject	Title
July 1, 2004	Publication of Technical Information Letter No. I-39, covering interim certification requirements that will be incorporated into the next edition of C22.2 No. 1.	Audio and Video Equipment No. 15
► September 30, 2004	Publication of amendments to CSA standard C22.2 No. 167-97, <i>Household Dishwashers</i> (bi-national with UL 749). The amendments clarify requirements/instructions for a power supply cord kit when the power supply cord is not permanently attached to the dishwasher, and provide additional marking requirements and tests.	Appliances No. 5
September 30, 2004	Publication of the third edition of CSA standard C22.2 No. 107.1-01, <i>General Use Power Supplies</i> . (Supersedes Certification Notice, <i>Power Supplies No. 4</i> .) (Note: The effective date was September 2002 for certain types specified in the notice.)	Power Supplies No. 18
October 12, 2004	Publication of bi-national standard C22.2 No. 62.1-03, 1st edition/UL 5A, 3rd edition, <i>Nonmetallic Surface Raceways and Fittings</i> . (Supersedes Certification Notices <i>Wiring Devices No. 19</i> and <i>Wiring Products No. 1</i> .)	Raceways and Fittings No. 4
November 15, 2004	Publication of the eighth edition of CSA standard C22.2 No. 75-03, <i>Thermoplastic Insulated Wires and Cables</i> .	Wire and Cable No. 105
December 1, 2004	Publication of Technical Information Letter No. B-69, covering medium screw-base and candelabra-screw base lamps incorporating light-emitting diodes or miniature extra-low-voltage incandescent lamps connected in series, as the light source.	Lighting Products No. 43
► December 15, 2004	Publication of Technical Information Letter No. J-33, covering interim certification requirements for expandable sleeving rated at 90 °C, 105 °C, 125 °C, 150 °C and 200 °C for bundling of insulated wires and cables.	Wire and Cable No. 110
January 1, 2005	Publication of Technical Information Letter No. B-71, announcing new requirements for neon transformers and power supplies.	Lighting Products No. 42

Certification Notices (cont'd)

January 1, 2005	Extension of effective date for the new marking requirements in Clause 17.2.2 of CSA standard C22.2 No. 250.0-00/UL 1598, <i>Luminaires</i> , to show catalog number, model number, series, or other similar marking. (Supplemental to <i>Lighting Products Notice No. 35</i> .)	Lighting Products No. 35A
February 16, 2005	Publication of the first edition of CSA standard C22.2 No. 18.4, <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
► April 1, 2005	Publication of the eighth edition of CSA standard C22.2 No. 31-04, <i>Switchgear Assemblies</i> . This edition includes 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
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 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> .	Wiring Devices No. 25
March 1, 2007	Publication of CAN/CSA-C22.2 No. 60065:03, <i>Audio, Video and Similar Electronic Apparatus—Safety Requirements</i> (Adopted CEI/IEC 60065:2001, with Canadian deviations).	Audio and Video Equipment No. 16
January 1, 2010	Changes to the withdrawal dates of standards C22.2 No. 1-98, UL 469, UL 813 and UL 1492.	Audio and Video Equipment No. 16



Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

B140.12-03, 4^e édition

Appareils de combustion au mazout : chauffe-eau pour usage d'habitation, pour le chauffage des locaux et pour le chauffage des piscines 50 \$

Cette norme s'applique aux chauffe-eau à mazout raccordés à un carneau et munis de réglages automatiques. Ces chauffe-eau peuvent servir au chauffage des habitations et la production d'eau chaude. Ils ne doivent pas être la seule source de chauffage.

Cette norme s'applique aux chauffe-eau devant fonctionner à des pressions qui ne dépassent pas 1035 kPa (150 lb/po²) et à des températures de l'eau qui n'excèdent pas 99 °C (210 °F).

Cette norme s'applique aux appareils à mazout et aux accessoires nécessaires à l'installation des chauffe-eau.

Reaffirmed Standards

N287.1-93 (R2004)

General Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants

N287.3-93 (R2004)

Design Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants

N287.5-93 (R2004)

Examination and Testing Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants

N287.6-94 (R2004)

Pre-Operational Proof and Leakage Rate Testing Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants



Formal Interpretations

The following interpretations regarding Clauses 6.1.1.4 and 7.9.2 of CSA standard **N285.0-95**, *General Requirements for Pressure-Retaining Systems and Components in CANDU Nuclear Power Plants*, have been approved by the Technical Committee on CANDU Nuclear Power Plant Systems and Components.

1) N285.0-95, Clause 6.1.1.4

Question 1: May the spacer, ring type or full face, made from ASME Code plate, bar or pipe material be considered a Pressure Boundary material?

Answer: Yes.

Question 2: Does the joint design including the spacer ring require re-registration of the system?

Answer: Yes.

2) N285.0-95, Clause 7.9.2

Question 1: Does the CSA N285.0-95 standard mandate a specific time in which the re-registration of clause 7.9.2 (c) must be completed?

Answer: No, the standard does not address timing of registration update.

Question 2: Do temporary modifications used during an outage that are implemented (based on a reconciliation statement) and removed prior to the end of the outage, require re-registration in accordance with clause 7.9.2(c)?

Answer: Yes. The requirements in the standard provided requirements for all modifications.



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

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

ANSI/CSA AMERICA FC 1-2004, 1st edition

Stationary Fuel Cell Power Systems (formerly ANSI Z21.83) \$625

This standard applies to stationary fuel cell power systems that are packaged, self-contained or factory-matched packages of integrated systems, that through electrochemical reactions and other processes, generate alternating-current or direct-current electricity.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

P.3-04, 2^e édition

Méthode d'essai pour mesurer la consommation d'énergie et le rendement énergétique des chauffe-eau au gaz à accumulation..... 150 \$

Cette norme présente les modes opératoires pour l'essai d'utilisation simulée de 24 heures. Elle présente aussi les méthodes de calcul servant à déterminer la capacité de première heure, l'efficacité de récupération, les pertes en mode d'attente, la consommation quotidienne d'énergie de chauffage de l'eau, le coefficient énergétique et la consommation annuelle d'énergie des chauffe-eau au gaz.

Amendments

CAN1-3.1-77 (R2001)

Industrial and Commercial Gas Fired Package Boilers

Revision of Clause 1.1 and deletion of Clause 1.7.

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Tony Joseph at 416-747-4035 or tony.joseph@csa.ca:

- **ANSI Z21.5.2/CSA 7.2, 3rd edition**
Gas Clothes Dryers, Volume II—Type 2 Clothes Dryers
- **ANSI Z83.21/UL xxx/CSA xxx, 1st edition**
Commercial Dishwashers



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 August 18, 2004.

Draft Standards

To receive copies of the following draft standard, or to offer comments, contact Tony Cautillo at 416-747-2212 or tony.cautillo@csa.ca:

- **B149.5, 3rd edition**

Installation Code for Propane Fuel Systems and Tanks on Highway Vehicles

Proposed Amendments

To receive copies of the following proposed amendments, or to offer comments, contact Tony Joseph at 416-747-4035 or tony.joseph@csa.ca:

- **ANSI Z21.5.1-2002/CSA 7.1-2002, proposed addenda “b”**

Gas Clothes Dryers, Volume 1–Type I Clothes Dryers

- **ANSI Z21.47-2003/CSA 2.3-2003, proposed addenda “b”**

Gas-Fired Central Furnaces

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
July 1, 2004	Extension of effective dates for storage-type gas-fired water heater compliance with the FVIR test protocol referenced in section 2.35 of ANSI Z21.10.1a/CSA 4.1a-2000 and the LDO test protocol referenced in section 2.36 of ANSI Z21.10.1a/CSA 4.1a-2002. This notice supersedes our previous notice to manufacturers dated February 14, 2003.	Gas Products No. 7
August 1, 2004	Publication of new standard ANSI Z21.60-2003/CSA 2.26-2003, <i>Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces.</i>	Gas Products No. 1
September 1, 2004	Publication of new standard ASME B16.44-2002, <i>Manually Operated Metallic Gas Valves for Use in House Piping Systems.</i> This standard incorporates modifications to CSA Requirement 3.88.	Gas Products No. 6



Certification Notices (cont'd)

Effective Date	Subject	Title
September 1, 2004	Publication of addenda ANSI Z21.69a-2003/CSA 6.16a-2003, <i>Connectors for Movable Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.69-2002/CSA 6.16-2002.	Gas Products No. 5
November 1, 2004	Publication of addenda ANSI Z21.60a-2003/CSA 2.26a-2003, <i>Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.60-2003/CSA 2.26-2003.	Gas Products No. 4
January 1, 2005	Publication of addenda ANSI Z21.88a-2003/CSA 2.33a-2003, <i>Vented Gas Fireplace Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.88-2002/CSA 2.33-2002.	Gas Products No. 15
January 1, 2005	Publication of addenda ANSI Z21.88b-2003/CSA 2.33b-2003, <i>Vented Gas Fireplace Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.88-2002/CSA 2.33-2002 and Z21.88a-2003/CSA 2.33a-2003.	Gas Products No. 26
January 1, 2005	Publication of ANSI Z21.50-2003/CSA 2.22-2003, <i>Vented Gas Fireplaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.50-2000/CSA 2.22-2000, ANSI Z21.50a-2001/CSA 2.22a-2001 and ANSI Z21.50b-2002/CSA 2.22b-2002.	Gas Products No. 16
January 1, 2005	Publication of addenda ANSI Z21.50a-2003/CSA 2.22a-2003, <i>Vented Gas Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.50-2003/CSA 2.22-2003.	Gas Products No. 27
February 1, 2005	Publication of addenda ANSI Z21.13b-2003/CSA 4.9b-2003, <i>Gas-Fired Low Pressure Steam and Hot Water Boilers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000 and ANSI Z21.13a-2002/CSA 4.9a-2002.	Gas Products No. 13
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

**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
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
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
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 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



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B335-04, 2nd edition

Safety Standard for Lift Trucks..... \$75

This standard applies to lift truck Classes 1, 2, 3, 4, 5, and 7; in addition, certain clauses apply to Class 6 vehicles, non-powered high lift trucks, and personnel and burden carriers.

This standard is intended to promote lift truck safety and minimize the risk of injury to workers by specifying the essential elements of a lift truck safety program and prescribing requirements with respect to lift truck design and construction, maintenance and inspection, safe operation, and operator training. This standard also outlines recommended qualifications for trainers and maintenance technicians.

This standard can also be used as a guide for Canadian federal, provincial, and other regulatory bodies in the development and promulgation of appropriate health and safety legislation and directives concerning lift trucks.

CAN/CSA-C22.2 No. 60601-2-4:04, 2nd edition

Medical Electrical Equipment—Part 2-4: Particular Requirements for the Safety of Cardiac Defibrillators (Adopted IEC 60601-2-4:2002, second edition, without modification) \$185

This Part 2 standard specifies requirements for the safety of cardiac defibrillators; that is, medical electrical equipment intended to defibrillate the heart by an electrical pulse via electrodes applied either to the patient's skin (external electrodes) or to the exposed heart (internal electrodes).

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

CAN/CSA-C22.2 No. 60601-2-26:04, 2nd edition (bilingual)

Medical Electrical Equipment—Part 2-26: Particular Requirements for the Safety of Electroencephalographs (Adopted CEI/IEC 60601-2-26:2003, second edition, without modification) \$100

This Part 2 standard specifies requirements for the safety of electroencephalographs (EEG).

The special requirements for other equipment also used in electroencephalography are not covered by this standard, for example:

- cerebral function monitors
- phono-photic stimulators
- electroencephalographic telemetry
- EEG data storage and retrieval
- equipment particularly intended for monitoring during electro-convulsive therapy
- ambulatory electroencephalographic recorders.

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



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

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

Medical Electrical Equipment—Part 2-33: Particular Requirements for the Safety of Magnetic Resonance Equipment for Medical Diagnosis (Adopted IEC 60601-2-33:2002, second edition, without modification) \$250

This Part 2 standard specifies requirements for the safety of magnetic resonance (MR) equipment; that is, medical electrical equipment that is intended for in-vivo magnetic resonance examination of a patient. The MR equipment comprises all parts in hardware and software from the supply mains to the display monitor. The MR equipment is a programmable electrical medical system.

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

CAN/CSA-C22.2 No. 60601-2-49:04, 1st edition

Medical Electrical Equipment—Part 2-49: Particular Requirements for the Safety of Multifunction Patient Monitoring Equipment (Adopted IEC 60601-2-49:2001, first edition, without modification) \$165

This Part 2 standard specifies requirements for the safety of multifunction patient monitoring equipment; that is, modular or pre-configured devices, including more than one physiological monitoring unit, designed to collect information from a single patient and process it for monitoring purposes and to generate alarms.

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

CAN/CSA-C22.2 No. 60601-2-51:04, 1st edition

Medical Electrical Equipment—Part 2-51: Particular Requirements for Safety, Including Essential Performance, of Recording and Analysing Single Channel and Multichannel Electrocardiographs (Adopted IEC 60601-2-51:2003, first edition, without modification) \$250

This Part 2 standard specifies requirements for the safety, including essential performance, of the following:

- **Analysing Electrocardiograph**—Electrocardiograph capable of analysing heart action potentials, deriving measurements from them and/or making interpretative statements. These may be also capable of communicating ECGs and/or analysis results.
- **Electrocardiograph (ECG)**—Medical electrical equipment and associated electrodes intended for the production of electrocardiograms for diagnostic purposes.
- **Multichannel Electrocardiograph**—Equipment for the simultaneous recording of two or more ECG leads. This equipment may also provide facilities for phonocardiography and pulse recording, etc.
- **Recording Electrocardiograph**—Medical electrical equipment intended for the production of ECG records.
- **Single Channel Electrocardiograph**—Equipment for the recording of one EGC lead at a time.

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

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

Z902-04, 1st edition

Blood and Blood Components..... \$95

This standard provides management requirements for facilities that collect, process, store, and use human blood and blood components for transfusion. It addresses issues of safety and efficacy for recipients, and safety for facility personnel and others who are exposed to or potentially affected by blood and blood components.

As a management standard, this standard is not intended to replace detailed specifications and operating procedures; rather, it is intended for use in their preparation. The standard includes requirements for policies and procedures, quality management, personnel, physical plant, and equipment. In addition, the standard outlines specific requirements to be included in the facility’s operating procedures for the following activities:

- donor selection
- collection of blood and blood components
- preparation, testing, and labelling
- storage, packing and transportation
- acceptance criteria, pre-transfusion testing, and selection of components
- transfusion
- autologous blood collection and transfusion
- apheresis
- designated donations and directed donations
- walking donor programs
- home transfusions
- adverse event monitoring and corrective action
- record management
- validation and maintenance of computer systems.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-C22.2 n° 60601-2-26:04, 2^e édition (bilingue)

Appareils électromédicaux–Partie 2-26: Règles particulières de sécurité–pour les électroencéphalographes (norme CEI/IEC 60601-2-26:2003, deuxième édition, adoptée sans modifications)..... 100 \$

Cette norme particulière spécifie les exigences particulières relatives à la sécurité des électroencéphalographes (EEG).

Les règles propres à d’autres appareils également utilisés en électroencéphalographie ne sont pas du domaine de cette norme, par exemple :

- appareils de surveillance du cerveau
- stimulateurs phono-photiques
- télémétrie d’EEG
- stockage et restitution d’informations d’EEG
- appareil destiné particulièrement à la surveillance au cours d’une thérapie électroconvulsive
- enregistreurs ambulatoires d’EEG.

Ces normes sont offertes en format PDF seulement.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

Z314.7-03, 4^e édition

Stérilisateurs à la vapeur pour les établissements de santé 75 \$

Cette norme s'applique :

- a) aux stérilisateurs à la vapeur qui :
 - i) ont une chambre d'un volume de 42,5 L (1,5 pi³) ou plus ; et
 - ii) sont destinés aux établissements de santé ;
- b) aux stérilisateurs d'urgence (stérilisateurs rapides) ; et
- c) aux laveurs-désinfecteurs (s'ils sont utilisés en mode stérilisateur).

Cette norme prescrit les exigences minimales visant la construction et la performance des stérilisateurs, afin de garantir que :

- a) les conditions requises pour la stérilisation sont respectées ; et
- b) le personnel qui utilise ces appareils peut effectuer ses tâches en toute sécurité.

Amendments

B51-03

Boiler, Pressure Vessel, and Pressure Piping Code

Revision of the Contents, the Technical Committee, and the Preface. In **B51-03, Part 1**, revision of Clauses 4.3.4, 6.1, and 7.4.1.4, and Table 1. In **B51-03, Part 3**, revision of Clauses 6.1.4 and 6.1.5.

CAN/CSA-C22.2 No. 60601-2-4:04 TC 1

Corrigendum 1:2004 to CAN/CSA-C22.2 No. 60601-2-4:04, "Medical Electrical Equipment—Part 2-4: Particular Requirements for the Safety of Cardiac Defibrillators" (Adopted Corrigendum 1:2004 to IEC 60601-2-4:2002, without modification)

This document provides revisions to CAN/CSA-C22.2 No. 60601-2-4:04.

CAN/CSA-C22.2 No. 60601-2-44A:03

Amendment 1:2004 to CAN/CSA C22.2 No. 60601-2-44:03, "Medical Electrical Equipment—Part 2-44: Particular Requirements for the Safety of X-Ray Equipment for Computed Tomography" (Adopted Amendment 1:2002 to IEC 60601-2-44:2001, without modification) \$35

This document provides revisions to CAN/CSA-C22.2 No. 60601-2-44:03.

CAN/CSA-C22.2 No. 60601-2-50:03 TC 1

Corrigendum 1:2004 to CAN/CSA-C22.2 No. 60601-2-50:03, "Medical Electrical Equipment—Part 2-50: Particular Requirements for the Safety of Infant Phototherapy Equipment" (Adopted Corrigendum 1:2001 to IEC 60601-2-50:2002, without modification)

This document provides revisions to CAN/CSA-C22.2 No. 60601-2-50:03.

Modifications publiées en français

B51-03

Code sur les chaudières, les appareils et les tuyauteries sous pression

Des modifications ont été apportées à la table des matières, au comité technique, à la préface, aux articles 6.1 et 7.4.1.4, au tableau 1 de la norme **B51-03, première partie**, et aux articles 6.1.4 et 6.1.5 de la norme **B51-03, troisième partie**.

Reaffirmed Standards

CAN/CSA-M11850-98 (R2004)

Machinery for Forestry—Self-Propelled Machinery—Safety

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Jeffrey Kraegel at 416-747-2249 or jeffrey.kraegel@csa.ca:

- **Z314.1, 5th edition**
Ethylene Oxide Sterilizers for Health Care Facilities
- **Z314.2, 5th edition**
Effective Sterilization in Health Care Facilities by Ethylene Oxide Process
- **Z314.3, 5th edition**
Effective Sterilization in Health Care Facilities by the Steam Process
- **Z314.8, 3rd edition**
Decontamination of Reusable Medical Devices
- **Z314.9, 3rd edition**
Installation, Ventilation, and Safe Use of Ethylene Oxide Sterilizers in Health Care Facilities
- **Z314.13, 3rd edition**
Recommended Standard Practices for Emergency (Flash) Sterilization

For more information about the proposed development of the following new projects, contact Nancy Bestic at 416-747-2710 or nancy.bestic@csa.ca:

- **ISO 15190, 1st edition**
Medical Laboratories—Requirements for Safety
- **ISO 15197, 1st edition**
In Vitro Diagnostic Test Systems—Requirements for Blood-Glucose Monitoring Systems for Self-Testing in Managing Diabetes Mellitus



Notice of Intent (cont'd)

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

- **B44.x, 1st edition**
Performance-Based Safety Code for Elevators and Escalators

Drafts For Public Review

Please note: Public comments about the draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by August 18, 2004.

Proposed Amendments

To receive copies of the following proposed amendment, or to offer comments, contact Jeet Tulshi at 416-747-2603 or totaram.tulshi@csa.ca:

- **B44-04, 10th edition**
Safety Code for Elevators

Proposed revision of various clauses.

To receive copies of the following proposed amendment, or to offer comments, contact Ian Brodie at 416-747-2670 or ian.brodie@csa.ca:

- **CAN/CSA-D250-03, 7th edition**
School Buses

Proposed addition of Clause 6.8.1.7.2 and deletion of Clause 6.8.1.2.

To receive copies of the following proposed amendment, or to offer comments, contact Dave Shanahan at 416-747-2586 or dave.shanahan@csa.ca:

- **CAN/CSA-Z94.3-02, 7th edition**
Eye and Face Protectors

Proposed revision of Clauses 6.2.2, 8.5.2, and 11.2, and Figures 2 and 3.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
May 3, 2004	Publication of CSA standard CAN/CSA-Z259.14-01, <i>Fall Restraint Equipment for Wood Pole Climbing</i> . This is part of a series of standards for components of personal Fall-Arrest Systems (FAS).	Occupational Health and Safety Products No. 38

Certification Notices

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

Effective Date	Subject	Title
December 1, 2004	Publication of CSA standard CAN/CSA-Z195-02, <i>Protective Footwear</i> , and Updates No. 1, June 2002, and No. 2, March 2003, providing new certification requirements.	Occupational Health and Safety Products No. 40
January 1, 2005	Publication of CSA standard CAN/CSA-Z76.1-99, <i>Reclosable Child-Resistant Packages</i> , and Technical Information Letter No. MHC-09, providing additional requirements for child protocol testing.	Health Care Equipment No. 16
January 1, 2005	Publication of the second edition of CAN/CSA-C22.2 No. 60601 Part 2 series standards. These Part 2 standards contain particular requirements that amend and supplement CAN/CSA-C22.2 No. 60601-1-1:02, <i>Medical Electrical Equipment—Part 1: General Standard</i> (Adopted CEI/IEC 60601-1-1:2000, without modification).	Health Care Equipment No. 14



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO/TR 10014-99 (R2004)

Guidelines for Managing the Economics of Quality



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