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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.

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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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Using *Info Update*

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.

Construction Products and Materials

A123.21-04, 1st edition
Standard Test Method for the Dynamic Wind Uplift Resistance of Mechanically Attached Membrane-Roofing Systems

Produits et matériaux de construction

Série A165-04, 4e édition
Normes CSA sur les éléments de maçonnerie en béton

A370-04, 3e édition
Connecteurs pour la maçonnerie

A660-04, 2e édition
Certification des fabricants de systèmes de bâtiment en acier

Série Z241-03, 2e édition
Maisons mobiles de parc

Electrical / Electronics

C22.2 No. 0.4-04, 3rd edition
Bonding of Electrical Equipment

C22.2 No. 45.1-04, 1st edition
Electrical Rigid Metal Conduit–Steel
(Bi-national standard with UL 6, thirteenth edition)

C22.2 No. 56-04, 5th edition
Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit

C22.2 No. 83.1-04, 1st edition
Electrical Metallic Tubing–Steel
(Bi-national standard with UL 797, eighth edition)

C22.2 No. 100-04, 6th edition
Motors and Generators

CAN/CSA-C22.2 No. 61010-1-04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 1: General Requirements (Tri-national standard with ISA-82.02.01, second edition, and UL 61010-1, second edition. Adopted IEC 61010-1:2001, edition 2.0, with modifications)

Electrical / Electronics (cont'd)

CAN/CSA-C22.2 No. 61010-2-010:04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-010: Particular Requirements for Laboratory Equipment for the Heating of Materials (Adopted IEC 61010-2-010:2003, second edition, without modification)

CAN/CSA-C22.2 No. 61010-2-032:04, 2nd edition (bilingual)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-032: Particular Requirements for Hand-Held and Hand-Manipulated Current Sensors for Electrical Test and Measurement (Adopted CEI/IEC 61010-2-032:2002, second edition, without modification)

CAN/CSA-C22.2 No. 61010-2-045:04, 1st edition (bilingual)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-045: Particular Requirements for Washer Disinfectors Used in Medical, Pharmaceutical, Veterinary and Laboratory Fields (Adopted CEI/IEC 61010-2-045:2000, first edition, without modification)

CAN/CSA-C22.2 No. 61010-2-051:04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-051: Particular Requirements for Laboratory Equipment for Mixing and Stirring (Adopted IEC 61010-2-051:2003, second edition, without modification)

CAN/CSA-C22.2 No. 61010-2-061:04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-0-61: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization (Adopted IEC 61010-2-061:2003, second edition, without modification)

CAN/CSA-C22.2 No. 61010-2-081:04, 1st edition (bilingual)
(including Amendment 1:2003)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-081: Particular Requirements for Automatic and Semi-Automatic Laboratory Equipment for Analysis and Other Purposes (Adopted CEI/IEC 61010-2-081:2001, first edition, including Amendment 1:2003, without modification)

CAN/CSA-C22.2 No. 61010-2-101:04, 1st edition (bilingual)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment (Adopted CEI/IEC 61010-2-101:2002, first edition, without modification)

CAN/CSA-C61000-2-7:04, 1st edition (bilingual)
Electromagnetic Compatibility (EMC)–Part 2: Environment–Section 7: Low Frequency Magnetic Fields in Various Environments (Adopted CEI/IEC TR 61000-2-7:1998, first edition, with Canadian deviations)

Electrical / Electronics (cont'd)

CAN/CSA-E61496-1:04, 1st edition (bilingual)
Safety of Machinery–Electro-Sensitive Protective Equipment–Part 1: General Requirements and Tests (Adopted CEI/IEC 61496-1:1997, first edition, with Canadian deviations)

CAN/CSA-E61496-2:04, 1st edition (bilingual)
Safety of Machinery–Electro-Sensitive Protective Equipment–Part 2: Particular Requirements for Equipment Using Active Opto-Electronic Protective Devices (AOPDs) (Adopted CEI/IEC 61496-2:1997, first edition, with Canadian deviations)

Électricité et électronique

C22.2 n° 62.1-03, 1re édition
Moulures et raccords non métalliques (norme binationale avec UL 5A)

C22.2 n° 65-03, 4e édition
Connecteurs de fils (norme trinationale comprenant la première édition de la norme NMX-J-543-ANCE-03 et la première édition de la norme UL 486A-486B)

C22.2 n° 75-03, 8e édition
Fils et câblés à isolant thermoplastique (norme trinationale comprenant la troisième édition de la norme NMX-J-010-ANCE-2003 et la treizième édition de la norme UL 83)

C22.2 n° 104-01, 3e édition
Humidificateurs (norme binationale avec UL 998, quatrième édition)

CAN/CSA-C22.2 n° 61610-1-04, 2e édition
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–Partie 1 : Prescriptions générales (norme trinationale comprenant la deuxième édition de la norme ISA-82.02.01 et la deuxième édition de la norme UL 61010-1. Norme CEI 61010-1:2001, deuxième édition, adoptée avec exigences propres au Canada)

CAN/CSA-C22.2 n° 61010-2-032:04, 2e édition (bilingue)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–Partie 2-032 : Prescriptions particulières pour les capteurs de courant portatifs ou pris en main de mesurage et d'essais électriques (norme CEI/IEC 61010-2-032:2002, deuxième édition, adoptée sans modifications)

CAN/CSA-C22.2 n° 61010-2-045:04, 1re édition (bilingue)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–Partie 2-045 : Prescriptions particulières pour appareils de désinfection/lavage utilisés dans les domaines médical, pharmaceutique, vétérinaire et en laboratoire (norme CEI/IEC 61010-2-045:2002, première édition, adoptée sans modifications)

Électricité et électronique (suite)

CAN/CSA-C22.2 n° 61010-2-081:04, 1re édition (bilingue)
(y compris l'Amendement 1:2003)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–Partie 2-081 : Prescriptions particulières pour les appareils de laboratoire, automatiques et semi-automatiques, destinés à l'analyse et autres usages (norme CEI/IEC 61010-2-081:2001, première édition, y compris l'Amendement 1:2003, adoptée sans modifications)

CAN/CSA-C22.2 n° 61010-2-101:04, 1re édition (bilingue)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–Partie 2-101 : Prescriptions particulières pour les appareils médicaux de diagnostic in vitro (DIV) (norme CEI/IEC 61010-2-101:2002, première édition, adoptée sans modifications)

CAN/CSA-C61000-2-7:04, 1re édition (bilingue)
Compatibilité électromagnétique (CEM)–Partie 2 : Environnement–Section 7 : Champs magnétiques basse fréquence en environnements divers (norme CEI/IEC TR 61000-2-7:1998, première édition, adoptée avec exigences propres au Canada)

CAN/CSA-E61496-1:04, 1re édition (bilingue)
Sécurité des machines–Équipements de protection électro-sensibles–Partie 1 : Prescriptions générales et essais (norme CEI/IEC 61496-1:1997, première édition, adoptée avec exigences propres au Canada)

CAN/CSA-E61496-2:04, 1re édition (bilingue)
Sécurité des machines–Équipements de protection électro-sensibles–Partie 2 : Prescriptions particulières à un équipement utilisant des dispositifs protecteurs optoélectroniques actifs (AOPD) (norme CEI/IEC 61496-2:1997, première édition, adoptée avec exigences propres au Canada)

Energy

C191-04, 4th edition
Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service

Énergie

B140.0-03, 3e édition
Appareils de combustion au mazout : exigences générales

CAN/CSA-B140.2.1-M90, 1re édition
Brûleurs à mazout à pulvérisation

Life Sciences

M682-04, 1st edition
Agricultural Front-End Loaders–Safety Requirements

Z314.22-04, 1st edition
Management of Loaned, Shared and Leased Medical Devices

Z316.5-04, 2nd edition
Fume Hoods and Associated Exhaust Systems

Sciences de la Vie

B620-03, 3e édition
Citernes routières et citernes amovibles pour le transport des marchandises dangereuses

CAN/CSA-C22.2 n° 60601-2-39:02, 1re édition (bilingue)
*Appareils électromédicaux–Partie 2-39 : Règles particulières de sécurité pour les appareils de dialyse péritonéale (*norme CEI/IEC 60601-2-39:2003, première édition, adoptée sans modification)

PLUS 614-04, 1re édition
Nouvelles dispositions de la norme CAN/CSA-Z614

Quality/Business Management

PLUS 9018, 1st edition
Guideline for Corporate Social Responsibility

Completed Projects / Projets terminés

Withdrawn Standards

CAN/CSA-ISO/IEC-3309-95 (R1999)
Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–Frame Structure
(Adopted ISO/IEC 3309:1993)

CAN/CSA-ISO/IEC-4335-95 (R2000)
Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–Elements of Procedures
(Adopted ISO/IEC 4335:1993)

CAN/CSA-ISO/IEC 4335F-95
Amendment 6:2000, "Extension of HDLC Sequence Number Modulus Beyond 128", to CAN/CSA-ISO/IEC 4335-95, "Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–Elements of Procedures" (Adopted Amendment 6:1995 to ISO/IEC 4335:1993)

CAN/CSA-ISO/IEC 4335G-95
Amendment 7:2000, "Enhanced Multi-Selective Reject Option", to CAN/CSA-ISO/IEC 4335-95, "Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–Elements of Procedures" (Adopted Amendment 7:1995 to ISO/IEC 4335:1993)

CAN/CSA-ISO/IEC-7809-95 (R1999)
Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–Classes of Procedures
(Adopted ISO/IEC 7809:1993)

CAN/CSA-ISO/IEC-7809-95 (R1999)
Amendment 10:1995, "Extension of HDLC Sequence Number Modulus Beyond 128", to CAN/CSA-ISO/IEC 7809-95, "Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–Classes of Procedures" (Adopted Amendment 10:1995 to ISO/IEC 7809:1993)

CAN/CSA-ISO/IEC-7811-3-96 (R2000)
Identification Cards–Recording Technique–Part 3: Location of Embossed Characters on ID-1 Cards (Adopted ISO/IEC 7811-3:1995)

CAN/CSA-ISO/IEC-8072-95 (R1999)
Information Technology–Open Systems Interconnection–Transport Service Definition
(Adopted ISO/IEC 8072:1994)

Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC 8632-2-01
Information Technology–Computer Graphics–Metafile for the Storage and Transfer of Picture Description Information–Part 2: Character Encoding (Adopted ISO/IEC 8632-2:1992)

CAN/CSA-ISO/IEC 8632-2A-01
Amendment 1:2002, "Rules for Profiles", to CAN/CSA-ISO/IEC 8632-2-01, "Information Technology–Computer Graphics–Metafile for the Storage and Transfer of Picture Description Information–Part 2: Character Encoding" (Adopted Amendment 1:1994 to ISO/IEC 8632-2:1992)

CAN/CSA-ISO/IEC-8822-96 (R2000)
Information Technology–Open Systems Interconnection–Presentation Service Definition (Adopted ISO/IEC 8822:1994)

CAN/CSA-ISO/IEC-8824-95 (R1999)
Information Technology–Open Systems Interconnection–Specification of Abstract Syntax Notation One (ASN.1) (Adopted ISO/IEC 8824:1990)

CAN/CSA-ISO/IEC-8825-95 (R1999)
Information Technology–Open Systems Interconnection–Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1) (Adopted ISO/IEC 8825:1990)

CAN/CSA-ISO/IEC-8885-95 (R1999)
Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–General Purpose XID Frame Information Field Content and Format (Adopted ISO/IEC 8885:1993)

CAN/CSA-ISO/IEC-8885-95 (R1999)
Amendment 9:95, "Extension of HDLC Sequence Number Modulus Beyond 128", to CAN/CSA-ISO/IEC-8885-95, "Information Technology–Telecommunications and Information Exchange Between Systems–High-Level Data Link Control (HDLC) Procedures–General Purpose XID Frame Information Field Content and Format" (Adopted Amendment 9:1995 to ISO/IEC 8885:1993)

CAN/CSA-ISO/IEC 9595:02
Information Technology–Open Systems Interconnection–Common Management Information Service (Adopted ISO/IEC 9595:1998)

CAN/CSA-ISO/IEC-9646-1-95 (R2004)
Information Technology–Open Systems Interconnection–Conformance Testing Methodology and Framework–Part 1: General Concepts (Adopted ISO/IEC 9646-1:1994)

CAN/CSA-ISO/IEC-9646-2-95 (R2004)
Information Technology–Open Systems Interconnection–Conformance Testing Methodology and Framework–Part 2: Abstract Test Suite Specification (Adopted ISO/IEC 9646-2:1994)

Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC-9646-3-96 (R2000)
Information Technology–Open Systems Interconnection–Conformance Testing Methodology and Framework–Part 3: The Tree and Tabular Combined Notation (TTCN)
(Adopted ISO/IEC 9646-3:1992)

CAN/CSA-ISO/IEC-9646-4-95 (R2004)
Information Technology–Open Systems Interconnection–Conformance Testing Methodology and Framework–Part 4: Test Realization (Adopted ISO/IEC 9646-4:1994)

CAN/CSA-ISO/IEC-9646-5-95 (R2004)
Information Technology–Open Systems Interconnection–Conformance Testing Methodology and Framework–Part 5: Requirements on Test Laboratories and Clients for the Conformance Assessment Process (Adopted ISO/IEC 9646-5:1994)

CAN/CSA-ISO/IEC 9646-7-98 (R2002)
Information Technology–Open Systems Interconnection–Conformance Testing Methodology and Framework–Part 7: Implementation Conformance Statements
(Adopted ISO/IEC 9646-7:1995)

CAN/CSA-ISO/IEC-9797-94 (R1999)
Information Technology–Security Techniques–Data Integrity Mechanism Using a Cryptographic Check Function Employing a Block Cipher Algorithm
(Adopted ISO/IEC 9797:1994)

CAN/CSA-ISO/IEC-9973-96 (R2000)
Information Technology–Computer Graphics and Image Processing–Procedures for Registration of Graphical Items (Adopted ISO/IEC 9973:1994)

CAN/CSA-ISO/IEC 10168-1-01
Information Technology–Open Systems Interconnection–Conformance Test Suite for the Session Protocol–Part 1: Test Suite Structure and Test Purposes (Adopted ISO/IEC 10168-1:1997)

CAN/CSA-ISO/IEC 10168-4-98 (R2002)
Information Technology–Open Systems Interconnection–Conformance Test Suite for the Session Protocol–Part 4: Test Management Protocol Specification (Adopted ISO/IEC 10168-4:1996)

CAN/CSA-ISO/IEC 10729-2-97 (R2001)
Information Technology–Open Systems Interconnection–Conformance Test Suite for the Presentation Layer–Part 2: Test Suite Structure and Test Purposes for the ASN.1 Basic Encodings (Adopted ISO/IEC 10729-2:1995)

CAN/CSA-ISO/IEC 13650-2:02
Information Technology–Open Systems Interconnection–Conformance Test Suite for the OSI TP Protocol–Part 2: Test Management Protocol Specification (Adopted ISO/IEC 13650-2:1997)

Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC 14360-00
Information Technology–Open Systems Interconnection (OSI) Abstract Data Manipulation–Application Program Interface (API) [Language Independent]
(Adopted ISO/IEC 14360:1996)

CAN/CSA-ISO/IEC 14361-00
Information Technology–MHS-Based Electronic Messaging–Application Program Interface (API) [Language Independent] (Adopted ISO/IEC 14361:1996)

CAN/CSA-ISO/IEC 14362-00
Information Technology–Test Methods for Measuring Conformance to Open Systems Interconnection (OSI) Abstract Data Manipulation–Application Program Interface (API) [Language Independent] (Adopted ISO/IEC 14362:1996)

CAN/CSA-ISO/IEC 14363-00
Information Technology–Test Methods for Measuring Conformance to MHS-Based Electronic Messaging–Application Program Interface (API) [Language Independent]
(Adopted ISO/IEC 14363:1996)

CAN/CSA-ISO/IEC 14364-00
Information Technology–Open Systems Interconnection (OSI) Abstract Data Manipulation C Language Interfaces–Binding for Application Program Interface (API)
(Adopted ISO/IEC 14364:1996)

CAN/CSA-ISO/IEC 14365-00
Information Technology–MHS-Based Electronic Messaging C Language Interfaces–Binding for Application Program Interface (API) (Adopted ISO/IEC 14365:1996)

CAN/CSA-ISO/IEC 14366-00
Information Technology–Test Methods for Measuring Conformance to Open Systems Interconnection (OSI) Abstract Data Manipulation C Language Interfaces–Binding for Application Program Interface (API) (Adopted ISO/IEC 14366:1996)

CAN/CSA-ISO/IEC 14367-00
Information Technology–Test Methods for Measuring Conformance to MHS-Based Electronic Messaging C Language Interfaces–Binding for Application Program Interface (API)
(Adopted ISO/IEC 14367:1996)

CAN/CSA-ISO/IEC 14392-00
Information Technology–Directory Services–Application Program Interface (API) [Language Independent] (Adopted ISO/IEC 14392:1996)

CAN/CSA-ISO/IEC 14393-00
Information Technology–Test Methods for Measuring Conformance to Directory Services–Application Program Interface (API) [Language Independent]
(Adopted ISO/IEC 14393:1996)

Withdrawn Standards (cont'd)

CAN/CSA-ISO/IEC 14394-00
Information Technology–Directory Services C Language Interfaces–Binding for Application Program Interface (API) (Adopted ISO/IEC 14394:1996)

CAN/CSA-ISO/IEC 14395-00
Information Technology–Test Methods for Measuring Conformance to Directory Services C Language Interfaces–Binding for Application Program Interface (API) (Adopted ISO/IEC 14395:1996)

Z243.18-1980 (R2004)
*Programming Language Fortran (*Adopted ANSI X3.9-1978 with modifications)

CAN/CSA-Z243.39-90 (R2000)
*Programming Language–COBOL (*Adopted ISO 1989-1985)

CAN/CSA-Z243.100.2-92 (R2001)
*Information Processing Systems–Open Systems Interconnection–Basic Reference Model–Part 2: Security Architecture (*Adopted ISO 7498-2:1989)

CAN/CSA-Z243.100.3-92 (R2001)
*Information Processing Systems–Open Systems Interconnection–Basic Reference Model–Part 3: Naming and Addressing (*Adopted ISO 7498-3:1989)

CAN/CSA-Z243.100.4-92 (R2001)
*Information Processing Systems–Open Systems Interconnection–Basic Reference Model–Part 4: Management Framework (*Adopted ISO/IEC 7498-4:1989)

Z243.110.1-93 (R2004)
Canadian OSI Registration Procedures and Guidelines–Part 1: Registration Procedures for Organization Names

Z243.110.2-93 (R2004)
Canadian OSI Registration Procedures and Guidelines–Part 2: Guidelines for Network-Service-Access-Point Addresses of the Data Country Code Format

Z243.110.3-93 (R2004)
Canadian OSI Registration Procedures and Guidelines–Part 3: Guidelines for Object Identifier Names

Z243.110.4-93 (R2004)
Canadian OSI Registration Procedures and Guidelines–Part 4: Guidelines for Directory Names

Z243.110.5-93 (R2004)
Canadian OSI Registration Procedures and Guidelines–Part 5: Guidelines for MHS-MOTIS Names

Withdrawn Standards (cont'd)

CAN/CSA-Z243.136.3-90 (R2004)
*Information Processing Systems–Data Communications–Use of the X.25 Packet Level Protocol in Local Area Networks (*Adopted ISO/IEC 8881:1989)

CAN/CSA-Z243.141-91 (R2000)
*Information Technology–Open Systems Interconnection–Common Management Information Service Definition (*Adopted ISO/IEC 9595:1991)

CAN/CSA-Z243.150-88 (R1999)
*Information Processing Systems–Open Systems Interconnection–Basic Connection Oriented Session Service Definition (*Adopted ISO 8326:1987 & 8326/DAD1)

CAN/CSA-Z243.170-89 (R1999)
*Information Processing Systems–Open Systems Interconnection–Service Definition for the Association Control Service Element (*Adopted ISO 8649:1988)

CAN/CSA-Z243.300-89 (R2001)
*Electronic Data Interchange for Administration, Commerce, and Transport (EDIFACT)–Application Level Syntax Rules (*Adopted ISO/IEC 9735:1988 CAN/CGSB-200.10-89)

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 October 4, 2004.

Proposed Adoptions

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

- **TIA 568-B:2003 (to be published as CSA 40568-B)**
  Telecommunications Cabling Systems in Commercial Buildings

Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

A123.21-04, 1st edition
Standard Test Method for the Dynamic Wind Uplift Resistance of Mechanically Attached Membrane-Roofing Systems $70

The test method in this standard determines the wind uplift resistance of mechanically attached membrane-roofing systems subjected to dynamic wind load cycles. The roofing system consists of a deck and roofing membrane. It also includes components such as air/vapour barriers or retarders and insulation. It is subjected to a dynamic load sequence that has been developed based on wind pressure records, simulating the effects of wind on membrane roof assemblies.

Testing under this method is limited to mechanically attached, reinforced membrane systems having a fastener row separation not greater than 2896 mm (114 in) and a fastener in-line spacing not greater than 610 mm (24 in).

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

Série A165-04, 4e édition
Normes CSA sur les éléments de maçonnerie en béton ..... 70 $

La série A165 comprend les normes suivantes :

- **A165.1-04**, *Éléments de maçonnerie en bloc de béton*. Cette norme s'applique aux éléments de maçonnerie en bloc de béton fabriqués à partir de liants, d'eau et de granulats, avec ou sans ajouts. Cette norme peut s'appliquer à d'autres éléments de fabrication et de dimensions similaires dans les limites de la norme.
- **A165.2-04**, *Briques en béton*. Cette norme s'applique aux briques en béton creuses et pleines et aux éléments similaires fabriqués à partir de liants, d'eau et de granulats, avec ou sans ajouts.
- **A165.3-04**, *Éléments de maçonnerie en béton glacés*. Cette norme s'applique aux éléments de maçonnerie en béton, tant les blocs que les briques, ayant sur une ou deux faces un revêtement de finition lustré, semi-lustré ou mat.

Nouvelles normes — Nouvelles éditions — Publications spéciales (suite)

A370-04, 3e édition
Connecteurs pour la maçonnerie ..... 55 $

Cette norme énonce les exigences minimales concernant le calcul des connecteurs pour la maçonnerie qui suivent :

a) les attaches utilisées pour :
   (i) Liaisonner les parois d'un mur en maçonnerie ; ou
   (ii) fixer un placage en maçonnerie à la structure porteuse ;
b) les ancrages utilisés pour :
   (i) liaisonner des murs de maçonnerie à des murs de refend ou à d'autres éléments structuraux ;
   (ii) fixer les pierres à la structure porteuse ; ou
   (iii) liaisonner les pierres ;
c) les pièces de fixation utilisées pour arrimer les attaches de maçonnerie et les ancrages aux éléments structuraux ; et
d) les connecteurs de réparation utilisés pour restaurer ou améliorer des ouvrages de maçonnerie.

A660-04, 2e édition
Certification des fabricants de systèmes de bâtiment en acier ..... 45 $

Cette norme vise la certification des fabricants de systèmes de bâtiment en acier. Un système de bâtiment en acier est un assemblage intégré d'éléments de charpente en acier fabriqués et d'éléments de revêtement extérieur (bardage) conçus spécifiquement par le fabricant pour supporter et transférer des charges et constituer l'enveloppe partielle ou complète d'un bâtiment.

Cette norme prescrit le mode de certification basé sur un audit des usines et des installations du fabricant par l'organisme de certification.

Série Z241-03, 2e édition
Maisons mobiles de parc ..... 210 $

La série Z241-03 comprend les normes suivantes :

- **Z241.0-03**, *Définitions et exigences générales de sécurité relatives aux maisons mobiles de parc*. Cette norme définit le terme «maison mobile de parc» utilisé dans la série de normes CSA Z241. Elle contient également les exigences de sécurité générales qui s'appliquent aux autres normes de cette série.
- **Z241.1-03**, *Exigences relatives au transport des maisons mobiles de parc*. Cette norme énonce les exigences relatives au remorquage des maisons mobiles de parc, y compris les exigences minimales relatives à l'attelage et au timon ou châssis en A ainsi qu'au train de roulement d'une maison mobile.

Nouvelles normes — Nouvelles éditions — Publications spéciales (suite)

Série Z241-03 (suite)

- **Z241.2-03**, *Caractéristiques de construction des maisons mobiles de parc*. Cette norme énonce les caractéristiques minimales des matériaux, des produits, du matériel et de qualité d'exécution des maisons mobiles de parc en vue d'assurer qu'elles offrent suffisamment :
  a) de résistance et de rigidité ;
  b) de protection contre la corrosion, la pourriture, les insectes et autres agents destructeurs analogues ;
  c) de protection contre les risques d'incendie ;
  d) de résistance aux intempéries ; et
  e) de durabilité et d'économie d'entretien..
- **Z241.3-03**, *Caractéristiques de plomberie pour maisons mobiles de parc*. Cette norme énonce les exigences minimales d'installation et les normes relatives aux matériaux qui ont trait à un réseau de plomberie installé dans une maison mobile de parc.
- **Z241.4-03**, *Installations au propane dans les maisons mobiles de parc*. Cette norme traite de l'installation en usine des appareils et de l'équipement au propane dans les maisons mobiles de parc.
- **Z241.5-03**, *Exigences relatives aux installations électriques dans les maisons mobiles de parc*. Cette norme énonce les exigences relatives aux installations électriques visant les maisons mobiles de parc conçues pour être branchées au moyen d'un cordon et de sa fiche de raccordement à une source d'alimentation électrique ne dépassant pas 250 V entre les conducteurs ou 150 V à la terre et d'un maximum de 50 A, conformément au *Code canadien de l'électricité, Première partie*.

Amendments

CAN/CSA-A3000-03
Cementitious Materials Compendium

- **CAN/CSA-A3000-03**: Revision of the outside and inside front cover, and the title pages.
- **CAN/CSA-A3001-03**: Revision of Clauses 3 and 7.2.

CAN/CSA-B1800-02
Plastic Nonpressure Pipe Compendium

- **CAN/CSA-B181.3-02**: Revision of Clause 4.1.2.

S37-01
Antennas, Towers, and Antenna-Supporting Structures

Revision of Clauses 4.9.2.2, 6.2.3.5.2, 6.3.4.2, 6.5.2.4, 10.4.1, 11.3.1, 11.3.3, 11.5, P2 and P4, and Figure 12.

CAN/CSA-S806-02
Design and Construction of Building Components with Fibre-Reinforced Polymers

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

Modifications publiées en français

CAN/CSA-A3000-03
Compendium des matériaux liants

- **CAN/CSA-A3000-03** : Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'aux pages titre
- **CAN/CSA-A3001-03** : Modification aux articles 3 et 7.2.

CAN/CSA-B1800-02
Recueil de normes sur les tuyaux sans pression en plastique

- **CAN/CSA-B181.3-02** : Modification de l'article 4.1.2.

CAN/CSA-S806-02
Règles de calcul et de construction des composants contenant des polymères renforcés de fibres

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

Reaffirmed Standards

CAN/CSA-Z240 RV Series-99 (R2004)
Recreational Vehicles
(Series consists of Z240.0.2, Z240.1.2, Z240.3.2, Z240.4.2 and Z240.6.2.)

Withdrawn Standards

CAN/CSA-O132.2 Series-90 (R2003)
Wood Flush Doors
(Series consists of O132.2.0-90, O132.2.1-90, O132.2.2-90, O132.2.3-90, and O132.2.4-90)

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:

- **A283, 4th edition**
  Qualification Code for Concrete Testing Laboratories

Notice of Intent (cont'd)

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

- **Z240** MH **Series, 3rd edition**
  Mobile Homes
  (Series consists of Z240.0.1, Z240.1.1, Z240.2.1, Z240 .3.1, Z240.4.1, Z240.5.1, and Z240.9.1.)

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 October 4, 2004.

Draft Standards

To receive copies of the following draft standard, or to offer comments, contact Ted Koza at 416-747-2692 or ted.koza@csa.ca:

- **W48, 2nd edition**
  Filler Metals and Allied Materials for Metal Arc Welding

Proposed Adoptions

For more information about the proposed adoption of the following ISO standard, contact Ted Koza at 416-747-2692 or ted.koza@csa.ca:

- **ISO 14341:2002**
  Welding Consumables–Wire Electrodes and Deposits for Gas Shielded Metal Arc Welding of Non Alloy and Fine Grain Steels–Classification

Certification and Testing (CSA International)

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, *Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe.*	Plumbing Products No. 146

Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

C22.2 No. 0.4-04, 3rd edition
Bonding of Electrical Equipment $55

This standard applies to electrical equipment that is intended for installation and use in accordance with the requirements of the *Canadian Electrical Code (CEC), Part I* and that is:

- cord-connected or permanently connected and required to be bonded by either Part I or Part II of the CEC
- constructed in a manner intended to ensure that it will be bonded when installed (even though bonding is not required by the CEC).

This standard includes provisions for certain details of construction and for testing procedures by which a certifying agency may determine compliance with the applicable standard.

C22.2 No. 45.1-04, 1st edition
Electrical Rigid Metal Conduit–Steel
(Bi-national standard with UL 6, thirteenth edition) $490

The requirements in this standard cover electrical rigid metal conduit–steel (ERMC), elbows, couplings, and nipples for use as a metal raceway for installation of wires and cables in accordance with the *Canadian Electrical Code, Part I*, and the *National Electrical Code*. ERMC-S is provided with a zinc, zinc-based, nonmetallic, or other alternate corrosion-resistant exterior coating and an organic or zinc interior coating. It is the users' responsibility to determine the appropriate product for their application.

C22.2 No. 56-04, 5th edition
Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit $100

This standard applies to flexible metal conduit and liquid-tight flexible metal conduit, trade sizes 12 (3/8) to 103 (4), excluding 14 (7/16), intended for use as a metal raceway for the installation of conductors in accordance with the *Canadian Electrical Code, Part I*. In addition, this standard applies to special-purpose flexible metal conduit, trade sizes 10 (5/16) and 14 (7/16), intended for other applications requiring the conductors to be enclosed in a flexible metal raceway.

Liquid-tight flexible metal conduit covered by this standard is provided with an overall thermoplastic jacket that is recognized for use at a maximum temperature of 60 °C, 75 °C, or 105 °C.

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

C22.2 No. 83.1-04, 1st edition
Electrical Metallic Tubing–Steel
(Bi-national standard with UL 797, eighth edition)..... $245

The requirements in this standard cover electrical metallic tubing–steel (EMT) and elbows for use as a metal raceway for installation of wires and cables in accordance with the *Canadian Electrical Code, Part I*, and the *National Electrical Code*. EMT is provided with a zinc, zinc-based, nonmetallic, or other alternate corrosion-resistant exterior coating and an organic or zinc interior coating. It is the users' responsibility to determine the appropriate product for their application.

C22.2 No. 100-04, 6th edition
Motors and Generators..... $175

This standard applies to electric motors and generators for installation and use in non-hazardous locations, in accordance with the rules of the *Canadian Electrical Code, Part I.*

CAN/CSA-C22.2 No. 61010-1-04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 1: General Requirements (Tri-national standard with ISA-82.02.01, second edition, and UL 61010-1, second edition. Adopted IEC 61010-1:2001, edition 2.0, with modifications) $275

This standard specifies general safety requirements for electrical equipment intended for professional, industrial process, and educational use (any of which may incorporate computing devices for indoor use):

- *Electrical test and measurement equipment* — this is equipment that by electrical means tests, measures, indicates or records one or more electrical or non-electrical quantities. Also, included is non-measuring equipment such as signal generators, measurement standards, power supplies, transducers, transmitters, etc.
- *Electrical control equipment* — this is equipment that controls one or more output quantities to specific values, with each value determined by manual setting, by local or remote programming, or by one or more input variables.
- *Electrical laboratory equipment* — this is equipment that measures, indicates, monitors or analyses substances, or is used to prepare materials, and includes in vitro diagnostic (IVD) equipment.
- Accessories intended for use with the above.

This standard applies only to computers, processors, etc. that form part of equipment within the scope of this standard or that are designed for use exclusively with the equipment.

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

CAN/CSA-C22.2 No. 61010-2-010:04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-010: Particular Requirements for Laboratory Equipment for the Heating of Materials (Adopted IEC 61010-2-010:2003, second edition, without modification) $75

This Part 2 standard applies only to electrically powered laboratory equipment for the heating of materials, where the heating of materials is the only function or is one of several functions of the equipment.

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

CAN/CSA-C22.2 No. 61010-2-032:04, 2nd edition (bilingual)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-032: Particular Requirements for Hand-Held and Hand-Manipulated Current Sensors for Electrical Test and Measurement
(Adopted CEI/IEC 61010-2-032:2002, second edition, without modification) $90

This Part 2 standard applies to Type A and B hand-held and hand-manipulated current sensors (described below). These current sensors are for use in the measurement of current without physically opening the current path of the circuit being measured. They may be stand-alone current sensors or accessories to other equipment.

Current sensors require hand manipulation before or after a test or measurement, but do not necessarily need to be hand-held during the test or measurement.

Type A Current Sensor — a current sensor designed to be applied around or removed from uninsulated hazardous live conductors. Type A current sensors have defined hand-held or hand-manipulated parts providing protection against electric shock from the conductor being measured, and also have protection against short-circuits between wires and busbars during clamping.

Type B Current Sensor — a current sensor that has protection against a short-circuit between wires or busbars during clamping but without defined hand-held or hand-manipulated parts that provide protection against electric shock during clamping. Additional protective means are necessary to avoid electric shock from hazardous live conductors that cannot be de-energized during application or removal of the current sensor.

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

CAN/CSA-C22.2 No. 61010-2-045:04, 1st edition (bilingual)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-045: Particular Requirements for Washer Disinfectors Used in Medical, Pharmaceutical, Veterinary and Laboratory Fields
(Adopted CEI/IEC 61010-2-045:2000, first edition, without modification)..... $120

This Part 2 standard applies to washer disinfectors and other equipment incorporating washing and disinfection processes for the treatment of soiled items used in medical, veterinary, pharmaceutical, and laboratory fields.

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

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

CAN/CSA-C22.2 No. 61010-2-051:04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-051: Particular Requirements for Laboratory Equipment for Mixing and Stirring (Adopted IEC 61010-2-051:2003, second edition, without modification) $45

This Part 2 standard applies to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices may contain heating elements.

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

CAN/CSA-C22.2 No. 61010-2-061:04, 2nd edition
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-0-61: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization
(Adopted IEC 61010-2-061:2003, second edition, without modification) $65

This Part 2 standard applies to electrically powered laboratory atomic spectrometers with thermal ionization.

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

CAN/CSA-C22.2 No. 61010-2-081:04, 1st edition (bilingual) (including Amendment 1:2003)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-081: Particular Requirements for Automatic and Semi-Automatic Laboratory Equipment for Analysis and Other Purposes
(Adopted CEI/IEC 61010-2-081:2001, first edition, including Amendment 1:2003, without modification) $115

This Part 2 standard applies to automatic and semi-automatic laboratory equipment for analysis and other purposes.

Automatic and semi-automatic laboratory equipment consists of instruments or systems for measuring or modifying one or more characteristics or parameters of samples, performing the complete process or parts of the process without manual intervention. Equipment forming part of such a system is within the scope of this standard.

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

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

CAN/CSA-C22.2 No. 61010-2-101:04, 1st edition (bilingual)
Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use–Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment (Adopted CEI/IEC 61010-2-101:2002, first edition, without modification) $100

This Part 2 standard applies to equipment intended for in vitro diagnostic (IVD) medical purposes, including self-test IVD medical purposes.

IVD medical equipment, whether used alone or in combination, is intended by the manufacturer to be used in vitro for the examination of specimens, including blood and tissue samples, derived from the human body, solely or principally for the purpose of providing information concerning one or more of the following:

- a physiological or pathological state
- a congenital abnormality
- the determination of safety and compatibility with potential recipients
- the monitoring of therapeutic measures.

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

CAN/CSA-C61000-2-7:04, 1st edition (bilingual)
Electromagnetic Compatibility (EMC)–Part 2: Environment–Section 7: Low Frequency Magnetic Fields in Various Environments (Adopted CEI/IEC TR 61000-2-7:1998, first edition, with Canadian deviations) $130

The primary objective of this standard is to provide guidance for engineering practices.

CAN/CSA-E61496-1:04, 1st edition (bilingual)
Safety of Machinery–Electro-Sensitive Protective Equipment–Part 1: General Requirements and Tests (Adopted CEI/IEC 61496-1:1997, first edition, with Canadian deviations) $185

This standard specifies general requirements for the design, construction and testing of electro-sensitive protective equipment (ESPE) for the safeguarding of machinery. Special attention is directed to functional and design requirements that ensure an appropriate safety-related performance is achieved. An ESPE may include optional safety-related functions.

This standard applies to the safety of such equipment designed to be installed and used in accordance with the rules of the *Canadian Electrical Code, Part I*.

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

CAN/CSA-E61496-2:04, 1st edition (bilingual)
Safety of Machinery–Electro-Sensitive Protective Equipment–Part 2: Particular Requirements for Equipment Using Active Opto-Electronic Protective Devices (AOPDs)
(Adopted CEI/IEC 61496-2:1997, first edition, with Canadian deviations)..... $130

This standard specifies requirements for the design, construction and testing of electro-sensitive protective equipment (ESPE) for the safeguarding of machinery employing active opto-electronic protective devices (AOPDs) for the sensing function. Special attention is directed to features that ensure an appropriate safety-related performance is achieved. An ESPE may include optional safety-related functions.

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

C22.2 n° 62.1-03, 1re édition
Moulures et raccords non métalliques (norme binationale avec UL 5A) ..... 165 $

Ces exigences visent les moulures et les raccords non métalliques. Ces produits sont destinés à être utilisés comme systèmes de câblage en surface conformément au *National Electrical Code (NEC)* et au *Code canadien de l'électricité (CCE), Première partie*.

C22.2 n° 65-03, 4e édition
Connecteurs de fils (norme trinationale comprenant la première édition de la norme NMX-J-543-ANCE-03 et la première édition de la norme UL 486A-486B) ..... 245 $

Cette norme s'applique aux connecteurs destinés à tous les conducteurs en alliage de cuivre ou d'aluminium (ou les deux) et servant à assurer le contact électrique entre des pièces sous tension conformément à la norme canadienne CSA C22.1, *Code canadien de l'électricité, Première partie*, à la norme américaine NFPA 70, *National Electrical Code*, ou à la norme mexicaine NOM-001-SEDE, *Standard for Electrical Installations*, plus spécifiquement :

- connecteurs serre-fils destinés à recevoir un ou plusieurs conducteurs
- connecteurs destinés à des appareils et équipements et qui répondent aux exigences pertinentes à ces derniers
- connecteurs à braser
- connecteurs d'épissure destinés à des conducteurs de 4 AWG (21,2 mm2) ou de section supérieure
- barres neutres
- connecteurs non isolés utilisés dans des circuits d'au plus 35 000 V
- connecteurs à valeur nominale en ampères non destinés à un usage général
- connecteurs perce-isolant.

Cette norme ne s'applique pas aux connecteurs suivants :

- connecteurs destinés à l'enfouissement
- connecteurs isolés destinés à des tensions supérieures à 600 V (1000 V dans le cas d'une enseigne, d'un appareil d'éclairage ou d'un luminaire)

Nouvelles normes — Nouvelles éditions — Publications spéciales (suite)

C22.2 n° 65-03 (suite)

- connecteurs à visser à la main
- connecteurs de borne intégrés à des dispositifs de moins de 30 A, destinés à des boîtes de sortie ou équipés d'un arrêt de traction
- connecteurs de bornes plats pour branchement rapide
- bornes à vis serre-fil.

C22.2 n° 75-03, 8e édition
Fils et câblés à isolant thermoplastique (norme trinationale comprenant la troisième édition de la norme NMX-J-010-ANCE-2003 et la treizième édition de la norme UL 83) ..... 245 $

Cette norme énonce les exigences visant les fils et câblés monoconducteurs à isolant thermoplastique de 600 V, destinés à être utilisées au Canada conformément au *Code canadien de l'électricité, Première partie*.

C22.2 n° 104-01, 3e édition
Humidificateurs (norme binationale avec UL 998, quatrième édition) ..... 165 $

Les exigences de cette norme portent sur les humidificateurs sous tension nominale de 600 V et moins, utilisés conformément au *National Electrical Code* (NEC), ANSI/NFPA 70 et au *Code canadien de l'électricité, Première partie*.

CAN/CSA-C22.2 n° 61610-1-04, 2e édition
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire– Partie 1 : Prescriptions générales (norme trinationale comprenant la deuxième édition de la norme ISA-82.02.01 et la deuxième édition de la norme UL 61010-1. Norme CEI 61010-1:2001, deuxième édition, adoptée avec exigences propres au Canada) ..... 275 $

Cette norme spécifie les prescriptions générales de sécurité pour les appareils électriques destinés aux usages professionnels, industriels (processus) et éducatifs, chacun de ces appareils pouvant incorporer un calculateur, définis de a) à d).

a) Appareils électriques d'essai et de mesurage. Il s'agit d'appareils qui, par des moyens d'ordre électrique, mesurent, indiquent ou enregistrent une ou plusieurs grandeurs électriques ou non électriques, ainsi que des appareils non-mesureurs tels que générateurs de signaux, étalons de mesure, alimentations, transducteurs, transmetteurs, etc.
b) Appareils électriques de régulation. Il s'agit d'appareils qui règlent une ou plusieurs grandeurs de sortie selon des valeurs spécifiques, chaque valeur étant déterminée par réglage manuel, par programmation locale ou à distance, ou par une ou plusieurs variables d'entrée.
c) Appareils électriques de laboratoire. Il s'agit d'appareils qui mesurent, indiquent, surveillent ou analysent des substances, ou qui servent à préparer des matériaux y compris les appareils de diagnostic in vitro (DIV).
d) Accessoires conçus pour être utilisés avec les appareils ci-dessus.

Cette norme spécifie également les méthodes de vérification, par contrôle et par essais de type, de la conformité des appareils aux prescriptions de cette norme.

Nouvelles normes — Nouvelles éditions — Publications spéciales (suite)

CAN/CSA-C22.2 n° 61010-2-032:04, 2e édition (bilingue)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire– Partie 2-032 : Prescriptions particulières pour les capteurs de courant portatifs ou pris en main de mesurage et d'essais électriques (norme CEI/IEC 61010-2-032:2002, deuxième édition, adoptée sans modifications)..... ..... 90 $

Cette norme particulière s'applique aux capteurs de courant portatifs et pris en main décrits ci-dessous. Ces capteurs de courant sont conçus pour être utilisés pour la mesure de courant, sans ouverture physique du chemin du courant sur le circuit mesuré. les capteurs de courant peuvent être autonomes ou des accessoires pour d'autres équipements.

Les capteurs de courant ont besoin d'être pris en main avant ou après un essai ou une mesure mais n'ont pas besoin nécessairement d'être pris en main durant un essai ou une mesure.

Capteur de courant de type A — capteur de courant conçu pour être appliqué ou enlevé sur des conducteurs non isolés sous tension dangereuse. Les capteurs de courant de type A ont des parties portatives ou prises en main définies, assurant la protection contre les chocs électriques des conducteurs mesurés et ont aussi une protection contre les courts-circuits entre les fils et les barres durant l'enserrage.

Capteur de courant de type B — capteur de courant avec protection contre les courts-circuits entre les fils et les barres durant l'enserrage mais sans partie portative ou prise en main définie assurant la protection contre les chocs électriques durant l'enserrage. Des moyens de protection supplémentaires sont nécessaires pour éviter le choc électrique des conducteurs sous tension dangereuse qui ne peuvent être mis hors service durant la mise en place ou le retrait du capteur de courant.

Ces normes sont offertes en format PDF seulement.

CAN/CSA-C22.2 n° 61010-2-045:04, 1re édition (bilingue)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire– Partie 2-045 : Prescriptions particulières pour appareils de désinfection/lavage utilisés dans les domaines médical, pharmaceutique, vétérinaire et en laboratoire (norme CEI/IEC 61010-2-045:2002, première édition, adoptée sans modifications) ..... 120 $

Cette norme particulière s'applique aux appareils de désinfection/lavage et aux autres équipements incorporant un processus de lavage et de désinfection pour le traitement de pièces souillées utilisées dans les domaines médical, vétérinaire, pharmaceutique et en laboratoire.

Ces normes sont offertes en format PDF seulement.

Nouvelles normes — Nouvelles éditions — Publications spéciales (suite)

CAN/CSA-C22.2 n° 61010-2-081:04, 1re édition (bilingue)
(y compris l'Amendement 1:2003)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire– Partie 2-081 : Prescriptions particulières pour les appareils de laboratoire, automatiques et semi-automatiques, destinés à l'analyse et autres usages (norme CEI/IEC 61010-2-081:2001, première édition, y compris l'Amendement 1:2003, adoptée sans modifications)..... 115 $

Cette partie 2 s'applique aux appareils de laboratoire, automatiques et semi-automatiques, destinés à analyse et autres usages.

Les appareils d'analyse automatiques et semi-automatiques comprennent les appareils ou systèmes utilisés pour mesurer ou modifier un ou plusieurs paramètres ou caractéristiques d'échantillons, réalisant tout ou partie du processus sans intervention manuelle. Les équipements faisant partie d'un tel système sont couverts par le domaine d'application de la présente norme.

Ces normes sont offertes en format PDF seulement.

CAN/CSA-C22.2 n° 61010-2-101:04, 1re édition (bilingue)
Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire– Partie 2-101 : Prescriptions particulières pour les appareils médicaux de diagnostic in vitro (DIV) (norme CEI/IEC 61010-2-101:2002, première édition, adoptée sans modifications)..... 100 $

Cette partie 2 s'applique aux appareils médicaux destinés aux applications de diagnostic in vitro (DIV), y compris aux appareils médicaux d'autodiagnostic.

Les appareils médicaux de diagnostic in vitro DIV, utilisés seuls ou en combinaison avec d'autres appareils, sont destinés par le fabricant à l'examen in vitro de spécimens, y compris les prélèvements de sang et de tissus d'origine humaine, dans le but unique ou principal de donner des informations sur un ou plusieurs des éléments suivants :

- état physiologique ou pathologique
- anomalie congénitale
- détermination de la sécurité et de la compatibilité de receveurs potentiels
- contrôle et suivi des mesures thérapeutiques

Ces normes sont offertes en format PDF seulement.

CAN/CSA-C61000-2-7:04, 1re édition (bilingue)
Compatibilité électromagnétique (CEM)–Partie 2 : Environnement– Section 7 : Champs magnétiques basse fréquence en environnements divers
norme CEI/IEC TR 61000-2-7:1998, première édition, adoptée avec exigences propres au Canada).....130 $

Le principal objectif de cette norme est de servir de guide quant aux pratiques techniques.

Nouvelles normes — Nouvelles éditions — Publications spéciales (suite)

CAN/CSA-E61496-1:04, 1re édition (bilingue)
Sécurité des machines–Équipements de protection électro-sensibles–Partie 1 : Prescriptions générales et essais (norme CEI/IEC 61496-1:1997, première édition, adoptée avec exigences propres au Canada) .....185 $

Cette norme définit les prescriptions générales de conception, de construction et d'essai des équipements de protection électro-sensibles (ESPE) pour la sécurité des machines. Une attention particulière est portée sur les prescriptions de fonctionnement et de conception assurant que le niveau de sécurité approprié est atteint. Un ESPE peut proposer des fonctions optionnelles.

Cette norme vise la sécurité des appareils conçus pour être installés et utilisés conformément au *Code canadien de l'électricité, Première partie*.

CAN/CSA-E61496-2:04, 1re édition (bilingue)
Sécurité des machines–Équipements de protection électro-sensibles–Partie 2 : Prescriptions particulières à un équipement utilisant des dispositifs protecteurs optoélectroniques actifs (AOPD) (norme CEI/IEC 61496-2:1997, première édition, adoptée avec exigences propres au Canada) ..... 130 $

Cette norme définit les prescriptions de conception, de construction et d'essai des équipements de protection électro-sensibles (ESPE) pour la sécurité des machines, utilisant des dispositifs protecteurs optoélectroniques actifs (AOPD) pour la fonction de détection. Une attention particulière est portée sur les éléments assurant qu'une performance appropriée relative à la sécurité est atteint. Un ESPE peut proposer des fonctions optionnelles.

Amendments

C22.2 No. 111-00
General-Use Snap Switches

Revision of the Title page, the Copyright page, the Contents, Clauses 3.4.1, 4.1.2, 5.1.1, 5.2.2, 5.2.3, 5.7.3, 5.7.4, 6.2, 6.4, 7.1.3, and 7.1.4, Tables 15 and 16, and Figure 1. Addition of Clauses 4.9.5, 5.18, 7.6.14, and 7.6.15.

CAN/CSA-C22.2 No. 112-97 (R2002)
Electric Clothes Dryers

Revision of the Title page, the Copyright page, the Preface, the Foreword (UL), Clauses 7.1.2.13, 7.1.2.14, 7.1.2.37.2, 7.1.2.37.3, 7.3.2, 7.3.3, 7.3.4, 11.11, 22.5.4, 25.3.4, 27.5.3, A1.1, and Appendix B. Addition of Clause 7.1.2.36A and Figure 7. Deletion of Clauses 7.1.2.12, 7.1.2.15, 7.1.2.21, 7.3.7, 22.7, 22.7.1, 22.7.2, and Table 1.

Modifications publiées en français

C22.2 n° 104-01
Humidificateurs

Des modifications ont été apportées à la page titre, l'avant-propos (UL), et la tableau 16. L'article 57.1.10 ont été abrogés.

CAN/CSA-C22.2 n° 112-97 (C2002)
Sécheuses électriques

Des modifications ont été apportées à la page titre, la page des droits d'auteur, la préface, l'avant-propos (UL), aux articles 7.1.2.13, 7.2.1.14, 7.1.2.37.2, 7.1.37.3, 7.3.2, 7.3.3, 7.3.4, 11.11, 22.5.4, 25.3.4, 27.5.3, A1.1 et l'appendice B. L'article 7.1.2.36A et la figure 7 ont été ajoutés. Les articles 7.1.2.13, 7.1.2.15, 7.1.2.21, 7.3.7, 22.7, 22.7.1, 22.7.2 et le tableau 1 ont été abrogés.

Reaffirmed Standards

CAN/CSA-C22.2 No. 0.17-00 (R2004)
Evaluation of Properties of Polymeric Materials

C22.2 No. 21-95 (R2004)
Cord Sets and Power Supply Cords

C22.2 No. 38-95 (R2004)
Thermoset Insulated Wires and Cables

C22.2 No. 41-M1987 (R2004)
Grounding and Bonding Equipment

C22.2 No. 42-99 (R2004)
General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

CAN/CSA-C22.2 No. 42.1-00 (R2004)
Cover Plates for Flush-Mounted Wiring Devices

C22.2 No. 73-1953 (R2004)
Construction and Test of Electrically Equipped Machine Tools

C22.2 No. 105-1953 (R2004)
Electrical Equipment for Woodworking Machinery

C22.2 No. 127-99 (R2004)
Equipment and Lead Wires

C22.2 No. 129-1976 (R2004)
Neutral Supported Cable

C22.2 No. 159-M1987 (R2004)
Attachment Plugs, Receptacles, and Similar Wiring Devices for Use in Hazardous Locations, Class I, Groups A, B, C, & D; Class II, Group G, in Coal or Coke Dust, and in Gaseous Mines

Reaffirmed Standards (cont'd)

C22.2 No. 182.2-M1987 (R2004)
Industrial Locking Type, Special Use Attachment Plugs, Receptacles, and Connectors

C22.2 No. 182.3-M1987 (R2004)
Special Use Attachment Plugs, Receptacles, and Connectors

C22.2 No. 188-M1983 (R2004)
Splicing Wire and Cable Connectors

C22.2 No. 198.1-99 (R2004)
Extruded Insulating Tubing

C22.2 No. 204-M1984 (R2004)
Line Isolation Monitors

C22.2 No. 230-M1988 (R2004)
Tray Cables

C22.2 No. 245-95 (R2004)
Marine Shipboard Cable

CAN/CSA-E79-18-95 (R2004)
Electrical Apparatus for Explosive Gas Atmospheres–Part 18: Encapsulation "M"
(Adopted IEC 79-18:1992)

CAN/CSA-E947-1-99 (R2004)
Low-Voltage Switchgear and Controlgear–Part 1: General Rules/Appareillage à basse tension–Partie 1: Règles générales (Adopted CEI/IEC 947-1:1996)

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Brian Haydon at 416-747-4006 or brian.haydon@csa.ca:

- **C22.2 No. 41, 5th edition**
  Grounding and Bonding Equipment

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 October 4, 2004.

Proposed Amendments

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

- **C22.2 No. 248.1-00**
  Low-Voltage Fuses–Part 1: General Requirements

  Proposed revision of various clauses.

- **C22.2 No. 248.2-00**
  Low-Voltage Fuses–Part 2: Class C Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.3-00**
  Low-Voltage Fuses–Part 3: Class CS and CB Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.4-00**
  Low-Voltage Fuses–Part 4: Class CC Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.5-00**
  Low-Voltage Fuses–Part 5: Class G Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.6-00**
  Low-Voltage Fuses–Part 6: Class H Non-Renewable Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.7-00**
  Low-Voltage Fuses–Part 7: Class H Renewable Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.8-00**
  Low-Voltage Fuses–Part 8: Class J Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.9-00**
  Low-Voltage Fuses–Part 9: Class K Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.11-00**
  Low-Voltage Fuses–Part 11: Plug Fuses

  Proposed revision of various clauses.

Drafts for Public Review (cont'd)

Proposed Amendments (cont'd)

- **C22.2 No. 248.12-00**
  Low-Voltage Fuses–Part 12: Class R Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.13-00**
  Low-Voltage Fuses–Part 13: Semiconductor Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.14-00**
  Low-Voltage Fuses–Part 14: Supplemental Fuses

  Proposed revision of various clauses.

- **C22.2 No. 248.15-00**
  Low-Voltage Fuses–Part 15: Class T Fuses

  Proposed revision of various clauses.

- **CAN/CSA-C22.3 No. 1-01**
  Overhead Systems

  Proposed addition of Clauses 4.8.1.3, 4.8.3.3 and A4.8.1.3, and proposed revision of Table 13.

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
June 30, 2004	Clarification of CSA standard C22.2 No. 152-M1984 (R2001), Clause 4.1.1, for the hazardous location classification of stationary and portable combustible gas detection instruments, with an integral gas detector head or sensor.	Hazardous Locations Products No. 15

Certification Notices

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

Effective Date	Subject	Title
▶ September 1, 2004 & January 1, 2005	Publication of Technical Information Letter No. B-73, covering interim certification requirements for neon signs.	Lighting Products No. 44
September 30, 2004	Publication of amendments to CSA standard C22.2 No. 167-97, *Household Dishwashers* (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, *General Use Power Supplies.* (Supersedes Certification Notice, *Power Supplies No. 4.*) (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, *Nonmetallic Surface Raceways and Fittings*. (Supersedes Certification Notices *Wiring Devices No. 19* and *Wiring Products No. 1.*)	Raceways and Fittings No. 4
November 15, 2004	Publication of the eighth edition of CSA standard C22.2 No. 75-03, *Thermoplastic Insulated Wires and Cables.*	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)

Effective Date	Subject	Title
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, *Luminaires*, to show catalog number, model number, series, or other similar marking. (Supplemental to *Lighting Products Notice No. 35*.)	Lighting Products No. 35A
February 16, 2005	Publication of the first edition of CSA standard C22.2 No. 18.4, *Hardware for the Support of Conduit, Tubing, and Cable* (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, *Liquid-Tight Flexible Nonmetallic Conduit* (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, *Conduit, Tubing and Cable Fittings* (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, *Switchgear Assemblies*. This edition includes new requirements to add provision for: • 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, *Electric Clothes Dryers* (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, *Supplementary Protectors*.	Power Distribution Equipment No. 1
November 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, *Wire Connectors.*	Wiring Devices No. 25

Certification Notices (cont'd)

Effective Date	Subject	Title
March 1, 2007	Publication of CAN/CSA-C22.2 No. 60065:03, *Audio, Video and Similar Electronic Apparatus–Safety Requirements* (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.	
▶ June 1, 2010	Publication CSA standards CAN/CSA-C22.2 No. 60745-1-04 and CAN/CSA-C22.2 No. 60745-2-04 (Bi-national standards with UL 60745-1 and associated Part 2 series standards. These are adoptions of the identically numbered IEC standards.)	Electrical Tools No. 15

Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

C191-04, 4th edition
Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service..... $75

This standard specifies requirements related to delivery, minimum standby performance, heater element ratings, and marking of electric storage tank water heaters.

This standard applies to stationary storage tank water heaters that have a rated capacity of 184 or 284 L (40 or 60 gal) and are intended for use with pressure systems in residential premises and similar locations. In addition, the standby loss test and its associated calculation may be applied to stationary storage tank water heaters that have a rated capacity of 50 to 454 L (11 to 100 gal).

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

B140.0-03, 3e édition
Appareils de combustion au mazout : exigences générales .....70 $

Cette norme vise la construction, les exigences générales, les méthodes d'essai, le marquage et les instructions, ces exigences étant communes à quelques-unes ou à toutes les normes de la série CSA B140.

CAN/CSA-B140.2.1-M90, 1re édition
Brûleurs à mazout à pulvérisation ..... 50 $

Cette norme vise les brûleurs à mazout à pulvérisation sans distinction de dimensions, d'allure de combustion ou de catégorie* de mazout, principalement conçus pour faire partie d'installations de chauffage à air chaud, eau chaude ou vapeur.

Les exigences énoncées dans cette norme ne portent pas sur les appareils complets alimentés au mazout sauf si les brûleurs à pulvérisation en font partie.

Les exigences énoncées dans cette norme peuvent également s'appliquer aux brûleurs à mazout à pulvérisation destinés à être installés dans des fours, des appareils de chauffage, des cuisinières, des générateurs d'air chaud spéciaux et autres du même genre.

Les exigences énoncées dans cette norme s'appliquent également à certains composants et accessoires des brûleurs à mazout à pulvérisation, tels que les ensembles de pompes et les dispositifs de surveillance de la flamme.

Amendments

CAN/CSA-C657-04
Energy Performance Standard for Refrigerated Display Cabinets (Merchandisers)

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

Modifications publiées en français

CAN/CSA-C657-04
Rendement énergétique des présentoirs réfrigérés

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

Reaffirmed Standards

CAN/CSA-C746-98 (R2004)
Performance Standard for Rating Large Air Conditioners and Heat Pumps

CAN/CSA-C815-99 (R2004)
Energy Performance of Drinking-Water Coolers

Formal Interpretations

The following interpretation regarding Clause 12.7 of CSA standard **CAN/CSA-N285.4-94**, *Periodic Inspection of CANDU Nuclear Power Plant Components*, has been approved by the Technical Committee on Periodic Inspection of Nuclear Power Plants.

Question: Our regulator, KINS, interprets the standard to say that any flaw whose response is equal to or greater than that from a 0.15 mm deep calibration notch is dispositionable. KHNP maintains the intent of the standard is that only crack-like flaws and non-crack-like flaws equal to or greater than 0.15 mm in measured depth required dispositioning. Is the KHNP interpretation correct?

Answer: No, as per Clause 12.7.2.2 of CAN/CSA N285.4-94. A literal interpretation of Clause 12.7.2.2 of the current standard is not consistent with the KHNP interpretation. However, it is noted that revisions to pressure tube volumetric inspection acceptance criteria have been proposed for committee consideration in the next edition of CAN/CSA-N285.4. These proposed revisions reflect current Canadian industry practice, which is an enhancement to the requirements of Clause 12.7.2.2 of CAN/CSA-N285.4-94, and are essentially the same as the KHNP interpretation.

Completed Projects / Projets terminés

Withdrawn Standards

Z201-M1990 (R1999)
Qualification Code for Ontario for Laboratories Analyzing Industrial Waste

CAN/CSA-Z217.1-M92 (R1999)
Standard Practice for Dilute-Solution Viscosity of Photodegradable Polystyrene

CAN/CSA-Z217.2-M92 (R1999)
Test Method for Tumbling Friability of Degradable Polystyrene Foams

Z218.0-93 (R1999)
Test Method for Determining the Anaerobic Biodegradability of Plastic Materials

CAN/CSA-Z218.1-M92 (R1999)
Standard Practice for Exposing Plastics to a Simulated Soil Environment

Z223.1-M1977 (R1999)
Method for the Determination of Particulate Mass Flows in Enclosed Gas Streams

CAN/CSA-Z223.2-M86 (R1999)
Method for the Continuous Measurement of Oxygen, Carbon Dioxide, Carbon Monoxide, Sulphur Dioxide, and Oxides of Nitrogen in Enclosed Combustion Flue Gas Stream

Z223.21-M1978 (R1999)
Method for the Measurement of Carbon Monoxide

Z223.22-M1980 (R1999)
Method for the Measurement of Sulphur Dioxide in Air

Z223.23-M1981 (R1999)
Method for the Measurement of Ozone in Air

Z223.24-M1983 (R1999)
Method for the Measurement of Nitric Oxide and Nitrogen Dioxide in Air

CAN3-Z223.25-M86 (R1999)
Method for the Measurement of Vinyl Chloride in Air

CAN/CSA-Z223.26-M87 (R1999)
Measurement of Total Mercury in Air–Cold Vapour Atomic Absorption Spectrophotometric Method

Completed Projects / Projets terminés

Amendments

ANSI Z21.21b-2004/CSA 6.5b-2004
Addenda B to "Automatic Valves for Gas Appliances" $75

This document provides revisions to ANSI Z21.21-2000/CSA 6.5-2000 and ANSI Z21.21a-2001/CSA 6.5a-2001.

ANSI Z21.87a-2004/CSA 4.6a-2004
Addenda A to "Automatic Gas Shutoff Devices for Hot Water Supply Systems" $130

This document provides revisions to ANSI Z21.87-1999/CSA 4.6-M99.

ANSI Z83.11a-2004/CSA 1.8a-2004
Addenda A to "Gas Food Service Equipment" $105

This document provides revisions to ANSI Z83.11-2002/CSA 1.8-2002.

Reaffirmed Standards

CSA 4.6-M99 (R2004)/ANSI Z21.87-1999
Automatic Gas Shutoff Devices for Hot Water Supply Systems

Under Development

Drafts for Public Review

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

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by October 4, 2004.

Draft Standards

To receive copies of the following draft standards, or to offer comments, 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

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
September 1, 2004	Publication of new standard ASME B16.44-2002, *Manually Operated Metallic Gas Valves for Use in House Piping Systems*. This standard incorporates modifications to CSA Requirement 3.88.	Gas Products No. 6
September 1, 2004	Publication of addenda ANSI Z21.69a-2003/ CSA 6.16a-2003, *Connectors for Movable Gas Appliances*. The revisions in this addenda supersede any corresponding provisions of ANSI Z21.69-2002/CSA 6.16-2002.	Gas Products No. 5
▶ October 1, 2004	Publication of addenda ANSI Z21.21b-2004/ CSA 6.5b-2004, *Automatic Valves for Gas Appliances.* The revisions in this addenda supersede any corresponding provisions of ANSI Z21.21-2000/ CSA 6.5-2000 and ANSI Z21.21a-2001/ CSA 6.5a-2001.	Gas Products No. 35
▶ October 1, 2004	Publication of addenda ANSI Z21.87a-2004/ CSA 4.6a-2004, *Automatic Gas Shutoff Devices for Hot Water Supply Systems.* The revisions in this addenda supersede any corresponding provisions of ANSI Z21.87-1999/CSA 4.6-1999.	Gas Products No. 36
November 1, 2004	Publication of addenda ANSI Z21.60a-2003/ CSA 2.26a-2003, *Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces*. 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 ANSI Z21.86-2004/CSA 2.32-2004, *Vented Gas-Fired Space Heating Appliances*. The revisions in this standard supersede any corresponding provisions of ANSI Z21.86-2000/CSA 2.32-2000, ANSI Z21.86a-2002/CSA 2.32a-2002, and ANSI Z21.86b-2002/CSA 2.32b-2002.	Gas Products No. 30
January 1, 2005	Publication of addenda ANSI Z21.88a-2003/ CSA 2.33a-2003, *Vented Gas Fireplace Heaters*. The revisions in this addenda supersede any corresponding provisions of ANSI Z21.88-2002/ CSA 2.33-2002.	Gas Products No. 15

Certification Notices (cont'd)

Effective Date	Subject	Title
January 1, 2005	Publication of addenda ANSI Z21.88b-2003/ CSA 2.33b-2003, *Vented Gas Fireplace Heaters*. 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, *Vented Gas Fireplaces*. 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, *Vented Gas Fireplaces*. 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 Z21.10.3a-2003/ CSA 4.3a-2003, *Gas Water Heaters, Volume III, Storage Water Heaters With Input Above 75,000 BTU per Hour, Circulating and Instantaneous.* The revisions in this addenda supersede any corresponding provisions of ANSI Z21.10.3-2001/CSA 4.3-2001.	Gas Products No. 29
February 1, 2005	Publication of addenda ANSI Z21.13b-2003/ CSA 4.9b-2003, *Gas-Fired Low Pressure Steam and Hot Water Boilers*. 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
▶ March 1, 2005	Publication of addenda ANSI Z83.20b-2004/ CSA 2.34b-2004, *Gas-Fired Low-Intensity Infrared Heaters.* The revisions in this addenda supersede any corresponding provisions of ANSI Z83.20-2001/ CSA 2.34-2001 and ANSI Z83.20a-2003/ CSA 2.34a-2003.	Gas Products No. 33
▶ March 1, 2005	Extension of effective date for compliance with the requirements of ANSI Z21.11.2-2002 and ANSI Z21.11.2a-2003.	Gas Products No. 34

Certification Notices (cont'd)

Effective Date	Subject	Title
April 1, 2005	Publication of addenda ANSI Z21.78b-2004/ CSA 6.20b-2004, *Combination Gas Controls for Gas Appliances.* The revisions in this addenda supersede any corresponding provisions of ANSI Z21.78-2000/CSA 6.20-2000 and ANSI Z21.78a-2001/CSA 6.20a-2001.	Gas Products No. 20
April 1, 2005	Publication of addenda ANSI Z83.18b-2003, *Recirculating Direct Gas-Fired Industrial Air Heaters*. 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 ANSI Z83.4-2003/CSA 3.7-2003, *Non-Recirculating Direct Gas-Fired Industrial Air Heaters*. The revisions in this standard supersede any corresponding provisions of ANSI Z21.83.4-1999/ CSA 3.7-M99, ANSI Z21.83.4a-2001/CSA 3.7a-2001, and ANSI Z21.83.4b-2002/CSA 3.7b-2002.	Gas Products No. 32
May 1, 2005	Publication of addenda ANSI Z83.8a-2003/ CSA 2.6a-2003, *Gas Unit Heaters and Gas-Fired Duct Furnaces*. 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 ANSI Z21.41-2003/CSA 6.9-2003, *Quick Disconnect Devices for Use with Gas Fuel.* The revisions in this standard supersede any corresponding provisions of ANSI Z21.41-1998/CSA 6.9-1998, ANSI Z21.41a-2001/CSA 6.9a-2001, and ANSI Z21.41b-2002/CSA 6.9b-2002.	Gas Products No. 31
June 1, 2005	Publication of addenda ANSI Z21.90a-2003/ CSA 6.24a-2003, *Gas Convenience Outlets and Optional Enclosures*. 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, *Cylinder Connection Devices*. 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

Certification Notices (cont'd)

Effective Date	Subject	Title
June 1, 2005	Publication of addenda ANSI Z21.1b-2003, *Household Cooking Gas Appliances*. 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, *Outdoor Cooking Specialty Gas Appliances*. 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, *Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers*. 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

M682-04, 1st edition
Agricultural Front-End Loaders–Safety Requirements $50

This standard specifies safety requirements for the design and construction of agricultural front-end loaders (front loaders) designed to be mounted on agricultural wheeled tractors. The purpose of this standard is to provide a reasonable degree of personal safety for operators and other persons during normal operation and servicing of agricultural front-end loaders on agricultural tractors.

Z314.22-04, 1st edition
Management of Loaned, Shared and Leased Medical Devices $50

This standard specifies requirements for the lending, sharing, and leasing of the following:
- critical and semi-critical medical devices
- other medical devices, such as implants or single-use devices, that accompany the loaned, shared or leased device.

This standard applies to all organizations that provide, use, transport, or maintain loaned, shared, or leased medical devices.

This standard specifies requirements for the following:
- policies and procedures related to the lending, sharing, and leasing of medical devices
- accountabilities and responsibilities
- staff qualifications, orientation, education, training, and other personnel considerations
- transportation between organizations
- quality assurance
- emergency procedures.

Z316.5-04, 2nd edition
Fume Hoods and Associated Exhaust Systems $50

This standard applies to all types of laboratory fume hoods, except for recirculating fume hoods.

This standard specifies the following:
- safety requirements for fume hoods
- test methods for assessing fume hood performance
- requirements for the selection, use, and maintenance of fume hoods
- requirements for the education of fume hood users and maintenance personnel
- requirements on information to be exchanged between suppliers and users of fume hoods to ensure that installation, function, and maintenance are compatible with the intended use.

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

B620-03, 3e édition
Citernes routières et citernes amovibles pour le transport des marchandises dangereuses ..... 95 $

Cette norme vise les citernes, autres que les grands récipients pour vrac et les tubes servant au transport des marchandises dangereuses principalement par route. Elle porte sur la conception, la construction, la certification, l'assemblage, les modifications, les réparations, la mise à l'essai, l'examen et les réépreuves périodiques, l'entretien et le marquage de ces citernes. Des exigences supplémentaires relatives à la conception et à la construction des citernes destinées au transport de produits particuliers sont énoncées dans la CSA B621, la CSA B622 et la CAN/CGSB-43.151.

CAN/CSA-C22.2 n° 60601-2-39:02, 1re édition (bilingue)
*Appareils électromédicaux–Partie 2-39 : Règles particulières de sécurité pour les appareils de dialyse péritonéale (*norme CEI/IEC 60601-2-39:2003, première édition, adoptée sans modification*)* ..... 60 $

Cette norme spécifie les prescriptions de sécurité minimales pour les appareils de dialyse péritonéale, désignés dans la suite du texte par le terme appareils. Elle s'applique aux appareils destinés à être utilisés soit par le personnel médical soit sous la supervision d'experts médicaux, y compris les appareils mis en fonctionnement par le patient, que l'appareil soit utilisé dans un hôpital ou dans un environnement domestique.

PLUS 614-04, 1re édition
Nouvelles dispositions de la norme CAN/CSA-Z614 ..... 35 $

Ce guide présente un aperçu des nouvelles dispositions incluses dans l'édition 2003 de la norme CAN/CSA-Z614. On y fait état des enjeux sous-jacents et des principaux points de la norme CAN/CSA-Z614 ainsi que des différences relevées entre les éditions de 1990, de 1998 et de 2003.

Ce guide constitue une mise à jour fort utile pour les propriétaires et les exploitants d'aires de jeu, le personnel des centres de puériculture et des écoles, les gestionnaires d'immeubles d'habitation, les employés des services municipaux ainsi que toutes les parties concernées par la conception, la création et la gestion des aires de jeux publiques.

Amendments

CAN/CSA-B621-03
Selection and Use of Highway Tanks, Portable Tanks, Cargo Compartments, and Containers for the Transportation of Dangerous Goods, Classes 3, 4, 5, 6.1, 8, and 9.

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

CAN/CSA-B651.1-01
Barrier-Free Design for Automated Banking Machines

Revision of the Contents and of Clauses 4.2.1, 8.2.2, 8.4, 9.4.1.1, 9.4.2, 9.4.3.2, and 10.2.4. Addition of Figure 1.

CAN/CSA-C22.2 No. 601.2.10A-92
Amendment 1:2004 to CAN/CSA-C22.2 No. 601.2.10-92, "Medical Electrical Equipment–Part 2-10: Particular Requirements for the Safety of Nerve and Muscle Stimulators" (Adopted Amendment 1:2001 and Corrigendum 1:2002 to IEC 601-2-10:1987, without modification) $45

CAN/CSA-Z94.4-02
Selection, Use and Care of Respirators

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

CAN/CSA-Z195-02
Protective Footwear

Revision of the Contents, Clauses 5.2.1.3.2, 5.7.2.2, 6.2, and 6.3, and Figures 5, 6, and 14. Deletion of Clause 6.8.

CAN/CSA-Z314.10-03
Selection, Use, Maintenance, and Laundering of Reusable Textile Wrappers, Surgical Gowns, and Drapes for Health Care Facilities

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

CAN/CSA-Z434-03
Industrial Robots and Robot Systems–General Safety Requirements

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

Modifications publiées en français

CAN/CSA-B621-03
Sélection et utilisation des citernes routières, des citernes amovibles, des citernes compartimentées et des conteneurs pour le transport des marchandises dangereuses des classes 3, 4, 5, 6.1, 8 et 9

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

CAN/CSA-B651.1-01
Règles de conception pour l'accessibilité des guichets automatiques bancaires

Des modifications ont été apportées à la table des matières et aux articles 4.2.1, 8.2.2, 8.4, 9.4.1.1, 9.4.2, 9.4.3.2 et 10.2.4. La figure 1 a été ajoutée.

CAN/CSA-Z94.4-02
Choix, utilisation et entretien des respirateurs

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

CAN/CSA-Z195-02
Chaussures de protection

Des modifications ont été apportées à la table des matières et aux articles 5.2.1.3.2, 5.7.2.2, 6.2, 6.3 et aux figures 5, 6 et 14. L'article 6.8 a été ajoutée.

CAN/CSA-Z314.10-03
Sélection, utilisation, entretien et lavage des enveloppes, des blouses de chirurgien et des champs textiles réutilisables utilisés dans les établissements de santé

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

CAN/CSA-Z434-03
Robots industriels et systèmes robotiques : exigences générales de sécurité

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

Under Development

Notice of Intent

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

- **ISO/TR 16056-1:2004, 1st edition**
  Health Informatics–Interoperability of Telehealth Systems and Networks–Part 1: Introduction and Definitions
- **ISO/TR 16056-2:2004, 1st edition**
  Health Informatics–Interoperability of Telehealth Systems and Networks–Part 2: Real-Time Systems
- **ISO/TS 16058:2004, 1st edition**
  Health Informatics–Interoperability of Telelearning Systems
- **ISO/TS 17090-1:2002, 1st edition**
  Health Informatics–Public Key Infrastructure–Part 1: Framework and Overview
- **ISO/TS 17090-2:2002, 1st edition**
  Health Informatics–Public Key Infrastructure–Part 2: Certificate Profile
- **ISO/TS 17090-3:2002, 1st edition**
  Health Informatics–Public Key Infrastructure–Part 3: Policy Management of Certification Authority
- **ISO 18104:2003, 1st edition**
  Health Informatics–Integration of a Reference Terminology Model for Nursing
- **ISO/TS 18308:2004, 1st edition**
  Health Informatics–Requirements for an Electronic Health Record Architecture

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
December 1, 2004	Publication of CSA standard CAN/CSA-Z195-02, *Protective Footwear*, and Update 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 the second edition of CAN/CSA-C22.2 No. 60601 Part 2 series standards (adoptions of IEC 60601 Part 2 standards). These Part 2 standards contain particular requirements that amend and supplement CAN/CSA-C22.2 No. 60601-1-1:02, *Medical Electrical Equipment–Part 1: General Standard* (Adopted CEI/IEC 60601-1-1:2000, without modification). (Supersedes Certification Notices Health Care Equipment Nos. 11, 13, 14, and 17.)	Health Care Equipment No. 18
January 1, 2005	Publication of CSA standard CAN/CSA-Z76.1-99, *Reclosable Child-Resistant Packages*, and Technical Information Letter No. MHC-09, providing additional requirements for child protocol testing.	Health Care Equipment No. 16

Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

PLUS 9018, 1st edition
Guideline for Corporate Social Responsibility $60

This guideline describes a management systems approach to corporate social responsibility (CSR). It applies to organizations of all sizes and integrates with other management systems, such as quality, environmental, financial, and occupational health and safety.

The intent of this guideline is to:

- describe a system for managing environmental, social, ethical, and economic issues, opportunities, and risks
- provide assistance in identifying the scope of issues to be addressed within a CSR management system
- provide guidance on the implementation and maintenance of a CSR management system.

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 October 4, 2004.

Proposed Adoptions

For more information about the proposed adoption of the following ISO standard, contact David Zimmerman at 416-747-2479 or david.zimmerman@csa.ca:

- **ISO 9000:2000/DAmd 1**
  Quality Management Systems–Fundamentals and Vocabulary–Amendment 1

Contact Information

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