



**CANADIAN STANDARDS
ASSOCIATION**

INFO UPDATE

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Canadian Standards Association

Making Standards Work for People and Business

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

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

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

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

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

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

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

About this publication

Info Update is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards. It also gives you highlights of other activities and services.

CSA offers a free online service called *Keep Me Informed* that will notify registered users when each new issue of *Info Update* is published. To register go to <http://www.csa-intl.org/onlinestore/KeepMeInformed/PleaseIdentifyYourself.asp?Language=EN>.

Information is organized into the eight program areas listed below.



Communications/Information includes Information Technology • Telecommunications



Construction Products & Materials includes Building Products • Building Systems (Industrialized Buildings) • Concrete • Forest Products • Masonry • National Construction Codes • Offshore Structures • Plumbing Products and Materials • Structures (Design) • Welding and Structural Metals



Electrical/Electronics includes the Canadian Electrical Code, Part I • Canadian Electrical Code, Part II – General Requirements • Canadian Electrical Code, Part II – Consumer and Commercial Products, Industrial Products, and Wiring Products • Canadian Electrical Code Part III – Outside Wiring • Electrical Engineering Standards • Electromagnetic Compatibility



Energy includes Fire Safety and Fuel Burning Equipment • Nuclear • Oil and Gas Industry Systems and Materials • Performance, Energy Efficiency and Renewables



Environment includes Environmental Management • Environmental Technology



Gas Equipment includes Natural Gas and Propane Installation Codes • Natural Gas and Propane Vehicle Fuel Systems and Industrial Engines • Accessories • Domestic and Commercial Water Heaters and Boilers • Food Processing and Food Refrigeration • Gas Fired Domestic and Commercial Heating Equipment and Air Conditioning • Incineration • Large Input Commercial and Industrial Equipment (Over 400,000 Btu/H) • Laundry Equipment • Performance Test Methods • Portable-Type Camping Equipment • Gas Technician Training Materials



Life Sciences includes Community Safety and Well-being • Health Care Technology • Mechanical Industrial Equipment • Occupational Health & Safety



Quality/Business Management includes Basic Engineering • Public Involvement • Quality Assurance • Quality Auditing • Quality Management • Reliability • Risk Management

What you'll find

Within each program, information is organized into the following sections:

Completed Projects / Projets terminés

▼ **New Standards – New Editions – Special Publications**

This section lists new standards, new editions (including adoptions), and special publications that have been published since the last issue of *Info Update*. To place your order call 1-800-463-6727 or visit our Online Store at <http://www.csa.ca>. Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

▼ **Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français**

Cette section énumère les nouvelles normes et éditions (y compris les normes adoptées) ainsi que les publications spéciales qui ont paru depuis la dernière livraison du bulletin *Info-Update*. Pour commander, composez le 1 800 463-6727 ou visitez notre Boutique en ligne, au <http://www.csa.ca>. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition. La liste de nos bureaux est présentée à la fin de ce document.

▼ **Amendments**

Amendments are issued periodically for some standards. This section lists amendments that have been published since the last issue of *Info Update*. Most amendments are made available to the purchaser free of charge by returning the update notification card included in the standard or registering online for the update service through the Online Store at <http://www.csa.ca> and clicking on "My Account" on the navigation bar. Amendments developed by other standards development organizations, and adopted by CSA are made available for a fee. The prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges.

▼ **Modifications publiées en français**

Dans le cas de certaines normes, des modifications sont publiées à intervalles réguliers. Cette section présente la liste des modifications publiées depuis la dernière livraison du bulletin *Info-Update*. La plupart des modifications étant offertes gratuitement, vous n'avez qu'à remplir et à nous retourner la carte d'avis de mise à jour incluse avec chaque norme. Vous pouvez également vous inscrire en direct à notre service de mise à jour en vous rendant à la Boutique en ligne, au <http://www.csa.ca>, et en cliquant sur le bouton « Mon compte » de la barre de navigation. Des frais s'appliquent toutefois aux modifications élaborées par d'autres organismes de normalisation et adoptées par la CSA. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition.

▼ **Adopted Standards**

Adopted standards have been developed by another standards development organization and have been approved by our technical committee for use in Canada, with or without modification. They are available for sale from CSA. You will find published adopted standards listed under "*New Standards — New Editions — Special Publications*."

▼ **Endorsed Standards**

Endorsed standards have been developed by another standards development organization, and have been approved by the appropriate CSA technical committee for use in Canada.

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail gic@ihscanada.ca; Web site <http://www.global.ihs.com>.

Completed Projects (cont'd) / Projets terminés (suite)

▼ Reaffirmed Standards

The standards listed in this section have been reviewed to determine if they remain technically valid and are acceptable for use until the next edition is published or for a further five years.

▼ Withdrawn Standards

The standards listed in this section have been withdrawn. Most withdrawn standards are available from our archived collection. Some copies may not be in original format.

To order, call toll-free 1-800-463-6727 (in Toronto, 416-747-4044).

▼ Formal Interpretations

This section lists questions that individuals have submitted about a particular standard. Each question has been reviewed and answered by the appropriate committee. If you would like to submit a question about a particular standard, please see the end notes in the preface of that standard.

Under Development

The *Under Development* section formerly published in *Info Update* is now available directly on the CSA website. This enhancement allows us to provide you with these important notifications on a more timely basis. To visit the new "Current Standards Activities" page, go to: <http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

Certification and Testing (CSA International)

▼ Informs Notices (Bulletins from CSA International)

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

▼ Certification Notices

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

CSA certification and testing clients receive these notices automatically. If you did not receive a copy or would like to receive one, call CSA International at 416-747-2488, or fax 416-747-4173.



Communications/Information

[CAN/CSA-ISO/IEC 7812-1:07, 2nd edition](#)

Identification cards — Identification of issuers — Part 1: Numbering system
(Adopted ISO/IEC 7812-1:2006)

[CAN/CSA-ISO/IEC 7816-2:08, 1st edition](#)

Identification cards — Integrated circuit cards — Part 2: Cards with contacts — Dimensions and location of the contacts (Adopted ISO/IEC 7816-2:2007)

[CAN/CSA-ISO/IEC 7816-13:08, 1st edition](#)

Identification cards — Integrated circuit cards — Part 13: Commands for application management in a multi-application environment (Adopted ISO/IEC 7816-13:2007)

[CAN/CSA-ISO/IEC 8484:08, 1st edition](#)

Information technology — Magnetic stripes on savingsbooks (Adopted ISO/IEC 8484:2007)

[CAN/CSA-ISO/IEC 13816:08, 2nd edition](#)

Information technology — Programming languages, their environments and system software interfaces — Programming language ISLISP (Adopted ISO/IEC 13816:2007)

[CAN/CSA-ISO/IEC 13818-1:08, 3rd edition](#)

Information technology — Generic coding of moving pictures and associated audio information: Systems (Adopted ISO/IEC 13818-1:2007)

[CAN/CSA-ISO/IEC TR 14165-117:08, 1st edition](#)

Information technology — Fibre channel — Part 117: Methodologies for jitter and signal quality (MJSQ) (Adopted ISO/IEC TR 14165-117:2007)

[CAN/CSA-ISO/IEC 14165-331:08, 1st edition](#)

Information technology — Fibre channel — Part 331: Virtual interface (FC-VI)
(Adopted ISO/IEC 14165-331:2007)

[CAN/CSA-ISO/IEC 14165-414:08, 1st edition](#)

Information technology — Fibre channel — Part 414: Generic services-4 (FC-GS-4)
(Adopted ISO/IEC 14165-414:2007)

[CAN/CSA-ISO/IEC TR 14471:08, 1st edition](#)

Information technology — Software engineering — Guidelines for the adoption of CASE tools (Adopted ISO/IEC TR 14471:2007)

[CAN/CSA-ISO/IEC 14496-23:08, 1st edition](#)

Information technology — Coding of audio-visual objects — Part 23: Symbolic Music Representation (Adopted ISO/IEC 14496-23:2008)

[CAN/CSA-ISO/IEC TR 14496-24:08, 1st edition](#)

Information technology — Coding of audio-visual objects — Part 24: Audio and systems interaction (Adopted ISO/IEC TR 14496-24:2008)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 14543-3-5:08, 1st edition](#)

Information technology — Home electronic system (HES) architecture — Part 3-5: Media and media dependent layers — Powerline for network based control of HES Class 1 (Adopted ISO/IEC 14543-3-5:2007)

[CAN/CSA-ISO/IEC 14651:08, 2nd edition](#)

Information technology — International string ordering and comparison — Method for comparing character strings and description of the common template tailorable ordering (Adopted ISO/IEC 14651:2007)

[CAN/CSA-ISO/IEC 15417:08, 2nd edition](#)

Information technology — Automatic identification and data capture techniques — Code 128 bar code symbology specification (Adopted ISO/IEC 15417:2007)

[CAN/CSA-ISO/IEC 15444-3:08, 2nd edition](#)

Information technology — JPEG 2000 image coding system: Motion JPEG 2000 (Adopted ISO/IEC 15444-3:2007)

[CAN/CSA-ISO/IEC 15444-4:08, 2nd edition](#)

Information technology — JPEG 2000 image coding system: Conformance testing (Adopted ISO/IEC 15444-4:2004)

[CAN/CSA-ISO/IEC 15444-8:08, 1st edition](#)

Information technology — JPEG 2000 image coding system — Part 8: Secure JPEG 2000 (Adopted ISO/IEC 15444-8:2007)

[CAN/CSA-ISO/IEC 15444-11:08, 1st edition](#)

Information technology — JPEG 2000 image coding system: Wireless (Adopted ISO/IEC 15444-11:2007)

[CAN/CSA-ISO/IEC 15457-2:08, 2nd edition](#)

Identification cards — Thin flexible cards — Part 2: Magnetic recording technique (Adopted ISO/IEC 15457-2:2007)

[CAN/CSA-ISO/IEC 15459-5:08, 1st edition](#)

Information technology — Unique identifiers — Part 5: Unique identifier for returnable transport items (RTIs) (Adopted ISO/IEC 15459-5:2007)

[CAN/CSA-ISO/IEC 15459-6:08, 1st edition](#)

Information technology — Unique identifiers — Part 6: Unique identifier for product groupings (Adopted ISO/IEC 15459-6:2007)

[CAN/CSA-ISO/IEC 15939:08, 2nd edition](#)

Systems and software engineering — Measurement process (Adopted ISO/IEC 15939:2007)

[CAN/CSA-ISO/IEC 15944-4:08, 1st edition](#)

Information technology — Business Operational View — Part 4: Business transaction scenarios — Accounting and economic ontology (Adopted ISO/IEC 15944-4:2007)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 16388:08, 1st edition](#)

Information technology — Automatic identification and data capture techniques — Code 39 bar code symbology specification (Adopted ISO/IEC 16388:2007)

[CAN/CSA-ISO/IEC 16390:08, 1st edition](#)

Information technology — Automatic identification and data capture techniques — Interleaved 2 of 5 bar code symbology specification (Adopted ISO/IEC 16390:2007)

[CAN/CSA-ISO/IEC 17343:08, 2nd edition](#)

Information technology — Telecommunications and information exchange between systems — Corporate telecommunication networks — Signalling interworking between QSIG and SIP — Basic services (Adopted ISO/IEC 17343:2007)

[CAN/CSA-ISO/IEC 18000-7:08, 2nd edition](#)

Information technology — Radio frequency identification for item management — Part 7: Parameters for active air interface communications at 433 MHz (Adopted ISO/IEC 18000-7:2008)

[CAN/CSA-ISO/IEC TR 19768:08, 1st edition](#)

Information technology — Programming languages — Technical Report on C++ Library Extensions (Adopted ISO/IEC TR 19768:2007)

[CAN/CSA-ISO/IEC 21000-7:08, 2nd edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 7: Digital Item Adaptation (Adopted ISO/IEC 21000-7:2007)

[CAN/CSA-ISO/IEC 21000-18:08, 1st edition](#)

Information technology — Multimedia framework (MPEG-21) — Part 18: Digital Item Streaming (Adopted ISO/IEC 21000-18:2007)

[CAN/CSA-ISO/IEC TR 23000-1:08, 1st edition](#)

Information technology — Multimedia application format (MPEG-A) — Part 1: Purpose for multimedia application formats (Adopted ISO/IEC TR 23000-1:2007)

[CAN/CSA-ISO/IEC 23000-2:08, 1st edition](#)

Information technology — Multimedia application format (MPEG-A) — Part 2: MPEG music player application format (Adopted ISO/IEC 23000-2:2008)

[CAN/CSA-ISO/IEC 23000-3:08, 1st edition](#)

Information technology — Multimedia application format (MPEG-A) — Part 3: MPEG photo player application format (Adopted ISO/IEC 23000-3:2007)

[CAN/CSA-ISO/IEC 23001-1:08, 1st edition](#)

Information technology — MPEG systems technologies — Part 1: Binary MPEG format for XML (Adopted ISO/IEC 23001-1:2006, including Technical Corrigendum 1:2007 and Technical Corrigendum 2:2007)

[CAN/CSA-ISO/IEC 23001-2:08, 1st edition](#)

Information technology — MPEG systems technologies — Part 2: Fragment request units (Adopted ISO/IEC 23001-2:2008)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC 23001-5:08, 1st edition](#)

Information technology — MPEG systems technologies — Part 5: Bitstream Syntax Description Language (BSDL) (Adopted ISO/IEC 23001-5:2008)

[CAN/CSA-ISO/IEC 23002-1:08, 1st edition](#)

Information technology — MPEG video technologies — Part 1: Accuracy requirements for implementation of integer-output 8×8 inverse discrete cosine transform (Adopted ISO/IEC 23002-1:2006)

[CAN/CSA-ISO/IEC 23002-3:08, 1st edition](#)

Information technology — MPEG video technologies — Part 3: Representation of auxiliary video and supplemental information (Adopted ISO/IEC 23002-3:2007)

[CAN/CSA-ISO/IEC 23003-1:08, 1st edition](#)

Information technology — MPEG audio technologies — Part 1: MPEG Surround (Adopted ISO/IEC 23003-1:2007)

[CAN/CSA-ISO/IEC 23004-1:08, 1st edition](#)

Information technology — Multimedia Middleware — Part 1: Architecture (Adopted ISO/IEC 23004-1:2007)

[CAN/CSA-ISO/IEC 23004-2:08, 1st edition](#)

Information technology — Multimedia Middleware — Part 2: Multimedia application programming interface (API) (Adopted ISO/IEC 23004-2:2007)

[CAN/CSA-ISO/IEC 23004-3:08, 1st edition](#)

Information technology — Multimedia Middleware — Part 3: Component model (Adopted ISO/IEC 23004-3:2007)

[CAN/CSA-ISO/IEC 23004-4:08, 1st edition](#)

Information technology — Multimedia Middleware — Part 4: Resource and quality management (Adopted ISO/IEC 23004-4:2007)

[CAN/CSA-ISO/IEC 23004-5:08, 1st edition](#)

Information technology — Multimedia Middleware — Part 5: Component download (Adopted ISO/IEC 23004-5:2008)

[CAN/CSA-ISO/IEC 23004-6:08, 1st edition](#)

Information technology — Multimedia Middleware — Part 6: Fault management (Adopted ISO/IEC 23004-6:2008)

[CAN/CSA-ISO/IEC 23004-7:08, 1st edition](#)

Information technology — Multimedia Middleware — Part 7: System integrity management (Adopted ISO/IEC 23004-7:2008)

[CAN/CSA-ISO/IEC 24740:08, 1st edition](#)

Information technology — Responsive link (RL) (Adopted ISO/IEC 24740:2008)

Communications/Information (cont'd)

[CAN/CSA-ISO/IEC TR 24750:08, 1st edition](#)

Information technology — Assessment and mitigation of installed balanced cabling channels in order to support 10GBASE-T (Adopted ISO/IEC TR 24750:2007)

[CAN/CSA-ISO/IEC 24762:08, 1st edition](#)

Information technology — Security techniques — Guidelines for information and communications technology disaster recovery services (Adopted ISO/IEC 24762:2008)

[CAN/CSA-ISO/IEC 24775:08, 1st edition](#)

Information technology — Storage management (Adopted ISO/IEC 24775:2007)

[CAN/CSA-ISO/IEC 24824-1:08, 1st edition](#)

Information technology — Generic applications of ASN.1: Fast Infoset (Adopted ISO/IEC 24824-1:2007)

[CAN/CSA-ISO/IEC 24824-2:08, 1st edition](#)

Information technology — Generic applications of ASN.1: Fast Web Services (Adopted ISO/IEC 24824-2:2006)

[CAN/CSA-ISO/IEC 26300:08, 1st edition](#)

Information technology — Open Document Format for Office Applications (OpenDocument) v1.0 (Adopted ISO/IEC 26300:2006)



Informatique et télécommunications

[CAN/CSA-ISO/IEC 14651:08, 2e édition](#)

Technologies de l'information — Classement international et comparaison de chaînes de caractères — Méthode de comparaison de chaînes de caractères et description du modèle commun et adaptable d'ordre de classement (norme ISO/CEI 14651:2007 adoptée)

[CAN/CSA-ISO/IEC 15444-4:08, 2e édition](#)

Technologies de l'information — Système de codage d'images JPEG 2000 : Tests de conformité (norme ISO/CEI 15444-4:2004 adoptée)

[CAN/CSA-ISO/CEI 24824-1:08, 1re édition](#)

Technologies de l'information — Applications génériques de l'ASN.1 : Infoset rapide (norme ISO/CEI 24824-1:2007 adoptée)

[CAN/CSA-ISO/CEI 24824-2:08, 1re édition](#)

Technologies de l'information — Applications génériques de l'ASN.1 : Services web rapides (norme ISO/CEI 24824-2:2006 adoptée)



Construction Products and Materials

[A3000-08, 3rd edition](#)

Cementitious Materials Compendium

Construction Products and Materials (cont'd)

[ASME A112.19.2-2008/CSA B45.1-08, 1st edition](#)

Ceramic Plumbing Fixtures

[ASME A112.19.1-2008/CSA B45.2-08, 1st edition](#)

Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures

[ASME A112.19.3-2008/CSA B45.4-08, 1st edition](#)

Stainless Steel Plumbing Fixtures



Produits et matériaux de construction

[O80 Série-08, 10^e édition](#)

Préservation du bois



Electrical/Electronics

[C22.2 No. 43-08, 6th edition](#)

Lampholders (bi-national standard with UL 496, thirteenth edition)

[C22.2 No. 250.0-08, 3rd edition](#)

Luminaires (tri-national standard with NMX-J-307/1-ANCE, first edition, and UL 1598, third edition)

[CAN/CSA-CEI/IEC CISPR 20:08, 1st edition \(bilingual\)](#)

Sound and television broadcast receivers and associated equipment — Immunity characteristics — Limits and methods of measurement (Adopted CEI/IEC CISPR 20:2006, sixth edition, without modification)



Électricité et électronique

[CAN/CSA-CEI/IEC CISPR 20:08, 1^{re} édition \(bilingue\)](#)

Récepteurs de radiodiffusion et de télévision et équipements associés — Caractéristiques d'immunité — Limites et méthodes de mesure (norme CEI/IEC CISPR 20:2006, sixième édition, adoptée sans modifications)



Energy

[F383-08, 2nd edition](#)

Installation of Packaged Solar Domestic Hot Water Systems

[N289.1-08, 2nd edition](#)

General requirements for seismic design and qualification of CANDU nuclear power plants

 **Énergie**

[C867.1-08, 1^{re} édition](#)

Performances des torchères

[N293-07, 3^e édition](#)

Protection contre l'incendie dans les centrales nucléaires CANDU

 **Environnement**

[Z804-08, 1^{re} édition](#)

Aménagement forestier durable pour les boisés et les forêts de petite superficie

 **Gas Equipment**

[ANSI LC 6-2008, 1st edition](#)

Natural Gas Operated Diaphragm Pumps

 **Life Sciences**

[Z600-08, 3rd edition](#)

Safety of Corded Window Covering Products (Adopted ANSI/WCMA A100.1-2007, with Canadian deviations)

[CAN/CSA-Z5360-08, 2nd edition](#)

Anaesthetic vaporizers — Agent-specific filling systems (Adopted ISO 5360:2006, second edition, without modification)

[CAN/CSA-Z8185-08, 1st edition](#)

Respiratory tract humidifiers for medical use — Particular requirements for respiratory humidification systems (Adopted ISO 8185:2007, third edition, with Canadian deviations)

[CAN/CSA-Z8835-2-08, 2nd edition](#)

Inhalational anaesthesia systems — Part 2: Anaesthetic breathing systems (Adopted ISO 8835-2:2007, third edition, with Canadian deviations)

[CAN/CSA-Z8835-3-08, 2nd edition](#)

Inhalational anaesthesia systems — Part 3: Transfer and receiving systems of active anaesthetic gas scavenging systems (Adopted ISO 8835-3:2007, second edition, with Canadian deviations)

[CAN/CSA-Z10083-08, 1st edition](#)

Oxygen concentrator supply systems for use with medical gas pipeline systems (Adopted ISO 10083:2006, second edition, with Canadian deviations)

[CAN/CSA-Z23747-08, 1st edition](#)

Anaesthetic and respiratory equipment — Peak expiratory flow meters for the assessment of pulmonary function in spontaneously breathing humans (Adopted ISO 23747:2007, first edition, with Canadian deviations)



Sciences de la Vie

[D270-08, 1^{re} édition](#)

Autobus multifonctions

[Z263.1-08, 1^{re} édition](#)

Casques de ski alpin et de planche à neige à usage récréatif

[CAN/CSA-Z5360-08, 2^e édition](#)

Évaporateurs d'anesthésie — Systèmes de remplissage spécifiques à l'agent
(norme ISO 5360:2006, deuxième édition, adoptée sans modifications)

[CAN/CSA-Z8185-08, 1^{re} édition](#)

Humidificateurs respiratoires médicaux — Exigences spécifiques des systèmes d'humidification respiratoires (norme ISO 8185:2007, troisième édition, adoptée avec exigences propres au Canada)

[CAN/CSA-Z8835-2-08, 2^e édition](#)

Systèmes d'anesthésie par inhalation — Partie 2 : Systèmes respiratoires d'anesthésie
(norme ISO 8835-2:2007, troisième édition, adoptée avec exigences propres au Canada)

[CAN/CSA-Z8835-3-08, 2^e édition](#)

Systèmes d'anesthésie par inhalation — Partie 3 : Systèmes de transfert et de réception des systèmes d'évacuation des gaz d'anesthésie (norme ISO 8835-3:2007, deuxième édition, adoptée avec exigences propres au Canada)

[CAN/CSA-Z10083-08, 1^{re} édition](#)

Systèmes d'approvisionnement par concentrateurs d'oxygène pour utilisation dans des réseaux de distribution de gaz médicaux (norme ISO 10083:2006, deuxième édition, adoptée avec exigences propres au Canada)

[CAN/CSA-Z23747-08, 1^{re} édition](#)

Matériel d'anesthésie et de réanimation respiratoire — Débitmètres à débit de pointe expiratoire pour l'évaluation de la fonction pulmonaire chez les êtres humains respirant spontanément
(norme ISO 23747:2007, première édition, adoptée avec exigences propres au Canada)



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

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

CAN/CSA-ISO/IEC 7812-2:08, 2nd edition

Identification cards — Identification of issuers — Part 2: Application and registration procedures (Adopted ISO/IEC 7812-2:2007) \$110

CAN/CSA-ISO/IEC 7816-2:08, 1st edition

Identification cards — Integrated circuit cards — Part 2: Cards with contacts — Dimensions and location of the contacts (Adopted ISO/IEC 7816-2:2007) \$60

CAN/CSA-ISO/IEC 7816-13:08, 1st edition

Identification cards — Integrated circuit cards — Part 13: Commands for application management in a multi-application environment (Adopted ISO/IEC 7816-13:2007) \$110

CAN/CSA-ISO/IEC 8484:08, 1st edition

Information technology — Magnetic stripes on savingsbooks (Adopted ISO/IEC 8484:2007) \$90

CAN/CSA-ISO/IEC 13816:08, 2nd edition

Information technology — Programming languages, their environments and system software interfaces — Programming language ISLISP (Adopted ISO/IEC 13816:2007).... \$240

CAN/CSA-ISO/IEC 13818-1:08, 3rd edition

Information technology — Generic coding of moving pictures and associated audio information: Systems (Adopted ISO/IEC 13818-1:2007) \$255

CAN/CSA-ISO/IEC TR 14165-117:08, 1st edition

Information technology — Fibre channel — Part 117: Methodologies for jitter and signal quality (MJSQ) (Adopted ISO/IEC TR 14165-117:2007) \$260

CAN/CSA-ISO/IEC 14165-331:08, 1st edition

Information technology — Fibre channel — Part 331: Virtual interface (FC-VI) (Adopted ISO/IEC 14165-331:2007) \$210

CAN/CSA-ISO/IEC 14165-414:08, 1st edition

Information technology — Fibre channel — Part 414: Generic services-4 (FC-GS-4) (Adopted ISO/IEC 14165-414:2007) \$330



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

CAN/CSA-ISO/IEC TR 14471:08, 1st edition

Information technology — Software engineering — Guidelines for the adoption of CASE tools (Adopted ISO/IEC TR 14471:2007)..... \$110

CAN/CSA-ISO/IEC 14496-23:08, 1st edition

Information technology — Coding of audio-visual objects — Part 23: Symbolic Music Representation (Adopted ISO/IEC 14496-23:2008)..... \$255

CAN/CSA-ISO/IEC TR 14496-24:08, 1st edition

Information technology — Coding of audio-visual objects — Part 24: Audio and systems interaction (Adopted ISO/IEC TR 14496-24:2008)..... \$60

CAN/CSA-ISO/IEC 14543-3-5:08, 1st edition

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

CAN/CSA-ISO/IEC 14651:08, 2^e édition

Technologies de l'information — Classement international et comparaison de chaînes de caractères — Méthode de comparaison de chaînes de caractères et description du modèle commun et adaptable d'ordre de classement (norme ISO/CEI 14651:2007 adoptée) 150 \$

CAN/CSA-ISO/IEC 15444-4:08, 2^e édition

Technologies de l'information — Système de codage d'images JPEG 2000 : Tests de conformité (norme ISO/CEI 15444-4:2004 adoptée) 130 \$

CAN/CSA-ISO/CEI 24824-1:08, 1^{re} édition

Technologies de l'information — Applications génériques de l'ASN.1 : Infoset rapide (norme ISO/CEI 24824-1:2007 adoptée) 190 \$

CAN/CSA-ISO/CEI 24824-2:08, 1^{re} édition

Technologies de l'information — Applications génériques de l'ASN.1 : Services web rapides (norme ISO/CEI 24824-2:2006 adoptée) 140 \$

Amendments

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

CAN/CSA-ISO/IEC 7816-15A:05

Amendment 1:2008, "Examples of the use of the cryptographic information application," to CAN/CSA-ISO/IEC 7816-15:05, "Identification cards — Integrated circuit cards — Part 15: Cryptographic information application" (Adopted Amendment 1:2007 to ISO/IEC 7816-15:2004) \$130

CAN/CSA-ISO/IEC 8632-1-01 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 8632-1-01, "Information technology — Computer graphics — Metafile for the storage and transfer of picture description information — Part 1: Functional specification" (Adopted Technical Corrigendum 1:2006 to ISO/IEC 8632-1:1999). This document is available only with the purchase of the standard. It is not available as a separate document.

Amendments (cont'd)

CAN/CSA-ISO/IEC 8632-1-01 TC 2

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 8632-1-01, “Information technology — Computer graphics — Metafile for the storage and transfer of picture description information — Part 1: Functional specification” (Adopted Technical Corrigendum 2:2007 to ISO/IEC 8632-1:1999). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 8824-2:04 TC 2

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 8824-2:04, “Information technology — Abstract Syntax Notation One (ASN.1): Information object specification” (Adopted Technical Corrigendum 2:2007 to ISO/IEC 8824-2:2002). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 8824-4:04 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 8824-4:04, “Information technology — Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications” (Adopted Technical Corrigendum 1:2007 to ISO/IEC 8824-4:2002). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 8825-1:04 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 8825-1:04, “Information technology — ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)” (Adopted Technical Corrigendum 1:2007 to ISO/IEC 8825-1:2002). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 8825-1B:04

Amendment 2:2008, “Time type support,” to CAN/CSA-ISO/IEC 8825-1:04, “Information technology — ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)” (Adopted Amendment 2:2007 to ISO/IEC 8825-1:2002) \$15

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

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 9075-1:04, “Information technology — Database languages — SQL — Part 1: Framework (SQL/Framework)” (Adopted Technical Corrigendum 2:2007 to ISO/IEC 9075-1:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

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

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 9075-2:04, “Information technology — Database languages — SQL — Part 2: Foundation (SQL/Foundation)” (Adopted Technical Corrigendum 2:2007 to ISO/IEC 9075-2:2003). This document is available only with the purchase of the standard. It is not available as a separate document.



Amendments (cont'd)

CAN/CSA-ISO/IEC 9075-4:04 TC 2

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 9075-4:04, "Information technology — Database languages — SQL — Part 4: Persistent Stored Modules (SQL/PSM)" (Adopted Technical Corrigendum 2:2007 to ISO/IEC 9075-4:2003). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 9899:02 TC 3

Technical Corrigendum 3:2008 to CAN/CSA-ISO/IEC 9899:02, "Programming languages — C" (Adopted Technical Corrigendum 3:2007 to ISO/IEC 9899:1999). This document is available only with the purchase of the standard. It is not available as a separate document.

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

Amendment 1:2008, "Protocol test methods for proximity cards," to CAN/CSA-ISO/IEC 10373-6:02, "Identification cards — Test methods — Part 6: Proximity cards" (Adopted Amendment 1:2007 to ISO/IEC 10373-6:2001) \$180

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

Amendment 5:2008, "Bit rates of fc/64, fc/32 and fc/16," to CAN/CSA-ISO/IEC 10373-6:02, "Identification cards — Test methods — Part 6: Proximity cards" (Adopted Amendment 5:2007 to ISO/IEC 10373-6:2001) \$15

CAN/CSA-ISO/IEC 13211-1-97 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 13211-1-97, "Information technology — Programming languages — Prolog Part 1: General core" (Adopted Technical Corrigendum 1:2007 to ISO/IEC 13211-1:1995). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 13568:04 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 13568:04, "Information technology — Z formal specification notation — Syntax, type system and semantics" (Adopted Technical Corrigendum 1:2007 to ISO/IEC 13568:2002). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 13818-1A:08

Amendment 1:2008, "Transport of MPEG-4 streaming text and MPEG-4 lossless audio over MPEG-2 systems," to CAN/CSA-ISO/IEC 13818-1:08, "Information technology — Generic coding of moving pictures and associated audio information: Systems" (Adopted Amendment 1:2007 to ISO/IEC 13818-1:2007) \$20

CAN/CSA-ISO/IEC 13818-2:02 TC 2

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 13818-2:02, "Information technology — Generic coding of moving pictures and associated audio information: Video" (Adopted Technical Corrigendum 2:2007 to ISO/IEC 13818-2:2000). This document is available only with the purchase of the standard. It is not available as a separate document.

Amendments (cont'd)

CAN/CSA-ISO/IEC 13818-2B:02
Amendment 2:2008, “Support for colour spaces,” to CAN/CSA-ISO/IEC 13818-2:02, “Information technology — Generic coding of moving pictures and associated audio information: Video” (Adopted Amendment 2:2007 to ISO/IEC 13818-2:2000)..... \$15

CAN/CSA-ISO/IEC 13818-7A:06
Amendment 1:2008, “Transport of MPEG Surround in AAC,” to CAN/CSA-ISO/IEC 13818-7:06, “Information technology — Generic coding of moving pictures and associated audio information — Part 7: Advanced Audio Coding (AAC)” (Adopted Amendment 1:2007 to ISO/IEC 13818-7:2006) \$15

CAN/CSA-ISO/IEC 14443-2A:02 TC 1
Technical Corrigendum 1:2008 to Amendment 1:2006, “Bit rates of fc/64, fc/32 and fc/16,” to CAN/CSA-ISO/IEC 14443-2:02, “Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 2: Radio frequency power and signal interface” (Adopted Technical Corrigendum 1:2007 to Amendment 1:2005 to ISO/IEC 14443-2:2001). This document is available only with the purchase of the amendment. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-1C:05
Amendment 3:2008, “JPEG 2000 support in MPEG-4,” to CAN/CSA-ISO/IEC 14496-1:05, “Information technology — Coding of audio-visual objects — Part 1: Systems” (Adopted Amendment 3:2007 to ISO/IEC 14496-1:2004) \$15

CAN/CSA-ISO/IEC 14496-2:05 TC 2
Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 14496-2:05, “Information technology — Coding of audio-visual objects — Part 2: Visual” (Adopted Technical Corrigendum 2:2007 to ISO/IEC 14496-2:2004). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-2C:05
Amendment 3:2008, “Support for colour spaces,” to CAN/CSA-ISO/IEC 14496-2:05, “Information technology — Coding of audio-visual objects — Part 2: Visual” (Adopted Amendment 3:2007 to ISO/IEC 14496-2:2004) \$15

CAN/CSA-ISO/IEC 14496-3C:06
Amendment 3:2008, “Scalable Lossless Coding (SLS),” to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Amendment 3:2006 to ISO/IEC 14496-3:2005) \$175

CAN/CSA-ISO/IEC 14496-3E:06
Amendment 5:2008, “BSAC extensions and transport of MPEG Surround,” to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Amendment 5:2006 to ISO/IEC 14496-3:2005) \$100



Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-4:06 TC 2

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 2:2007 to ISO/IEC 14496-4:2004). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-4I:06 TC 1

Technical Corrigendum 1:2008 to Amendment 9:2006, "AVC fidelity range extensions conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 1:2007 to Amendment 9:2006 to ISO/IEC 14496-4:2004). This document is available only with the purchase of the amendment. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-4K:06 TC 2

Technical Corrigendum 2:2008 to Amendment 11:2006, "Parametric stereo conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 2:2007 to Amendment 11:2006 to ISO/IEC 14496-4:2004). This document is available only with the purchase of the amendment. It is not available as a separate document.

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

Amendment 12:2008, "Morphing & Textures conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Amendment 12:2007 to ISO/IEC 14496-4:2004) \$15

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

Amendment 14:2008, "BSAC conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Amendment 14:2007 to ISO/IEC 14496-4:2004) \$15

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

Amendment 15:2008, "Lossless coding of oversampled audio," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Amendment 15:2007 to ISO/IEC 14496-4:2004) \$15

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

Amendment 17:2008, "Advanced text and 2D graphics conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Amendment 17:2007 to ISO/IEC 14496-4:2004) \$15

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

Amendment 18:2008, "Conformance of MPEG-1/2 Audio in MPEG-4," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Amendment 18:2007 to ISO/IEC 14496-4:2004) \$15

Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-4S:06
Amendment 19:2008, “Audio lossless coding (ALS),” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing”
 (Adopted Amendment 19:2007 to ISO/IEC 14496-4:2004) \$15

CAN/CSA-ISO/IEC 14496-5I:06
Amendment 9:2008, “Morphing & Textures reference software,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 9:2007 to ISO/IEC 14496-5:2001) \$15

CAN/CSA-ISO/IEC 14496-5K:06
Amendment 11:2008, “MPEG-J GFX Reference software,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 11:2007 to ISO/IEC 14496-5:2001) \$15

CAN/CSA-ISO/IEC 14496-5L:06
Amendment 12:2008, “Updated file format reference software,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 12:2007 to ISO/IEC 14496-5:2001) \$15

CAN/CSA-ISO/IEC 14496-10A:05
Amendment 1:2008, “Support for colour spaces and aspect ratio definitions,” to CAN/CSA-ISO/IEC 14496-10:05, “Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding” (Adopted Amendment 1:2007 to ISO/IEC 14496-10:2005) \$15

CAN/CSA-ISO/IEC 14496-10B:05
Amendment 2:2008, “New profiles for professional applications,” to CAN/CSA-ISO/IEC 14496-10:05, “Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding” (Adopted Amendment 2:2007 to ISO/IEC 14496-10:2005) \$175

CAN/CSA-ISO/IEC 14496-11:07 TC 6
Technical Corrigendum 6:2008 to CAN/CSA-ISO/IEC 14496-11:07, “Information technology — Coding of audio-visual objects — Part 11: Scene description and application engine” (Adopted Technical Corrigendum 6:2007 to ISO/IEC 14496-11:2005). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 14496-11E:07
Amendment 5:2008, “Support for Symbolic Music Notation,” to CAN/CSA-ISO/IEC 14496-11:07, “Information technology — Coding of audio-visual objects — Part 11: Scene description and application engine” (Adopted Amendment 5:2007 to ISO/IEC 14496-11:2005)..... \$15



Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-12B:06

Amendment 2:2008, “Hint track format for ALC/LCT and FLUTE transmission and multiple meta box support,” to CAN/CSA-ISO/IEC 14496-12:06, “Information technology — Coding of audio-visual objects — Part 12: ISO base media file format” (Adopted Amendment 2:2008 to ISO/IEC 14496-12:2005) \$120

CAN/CSA-ISO/IEC 14496-16A:07

Amendment 1:2008, “Geometry and shadow,” to CAN/CSA-ISO/IEC 14496-16:07, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Amendment 1:2008 to ISO/IEC 14496-16:2006) \$175

CAN/CSA-ISO/IEC 15444-1:05 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 15444-1:05, “Information technology — JPEG 2000 image coding system: Core coding system” (Adopted Technical Corrigendum 1:2007 to ISO/IEC 15444-1:2004). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 15444-6A:04

Amendment 1:2008, “Hidden text metadata,” to CAN/CSA-ISO/IEC 15444-6:04, “Information technology — JPEG 2000 image coding system — Part 6: Compound image file format” (Adopted Amendment 1:2007 to ISO/IEC 15444-6:2003)..... \$145

CAN/CSA-ISO/IEC 15938-6B:04

Amendment 2:2008, “Reference software of perceptual 3D shape descriptor,” to CAN/CSA-ISO/IEC 15938-6:04, “Information technology — Multimedia content description interface — Part 6: Reference software” (Adopted Amendment 2:2007 to ISO/IEC 15938-6:2003)..... \$15

CAN/CSA-ISO/IEC 18033-3:06 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 18033-3:06, “Information technology — Security techniques — Encryption algorithms — Part 3: Block ciphers” (Adopted Technical Corrigendum 1:2006 to ISO/IEC 18033-3:2005). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 18033-3:06 TC 2

Technical Corrigendum 2:2008 to CAN/CSA-ISO/IEC 18033-3:06, “Information technology — Security techniques — Encryption algorithms — Part 3: Block ciphers” (Adopted Technical Corrigendum 2:2007 to ISO/IEC 18033-3:2005). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC TR 18047-3:05 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC TR 18047-3:05, “Information technology — Radio frequency identification device conformance test methods — Part 3: Test methods for air interface communications at 13,56 MHz” (Adopted Technical Corrigendum 1:2007 to ISO/IEC TR 18047-3:2004). This document is available only with the purchase of the standard. It is not available as a separate document.

Amendments (cont'd)

CAN/CSA-ISO/IEC 21000-4A:07

Amendment 1:2008, “IPMP components base profile,” to CAN/CSA-ISO/IEC 21000-4:07, “Information technology — Multimedia framework (MPEG-21) — Part 4: Intellectual Property Management and Protection Components” (Adopted Amendment 1:2007 to ISO/IEC 21000-4:2006) \$15

CAN/CSA-ISO/IEC 21000-5B:07

Amendment 2:2008, “DAC (Dissemination And Capture) profile,” to CAN/CSA-ISO/IEC 21000-5:07, “Information technology — Multimedia framework (MPEG-21) — Part 5: Rights Expression Language” (Adopted Amendment 2:2007 to ISO/IEC 21000-5:2004) \$125

CAN/CSA-ISO/IEC 21000-15:07 TC 1

Technical Corrigendum 1:2008 to CAN/CSA-ISO/IEC 21000-15:07, “Information technology — Multimedia framework (MPEG-21) — Part 15: Event Reporting” (Adopted Technical Corrigendum 1:2008 to ISO/IEC 21000-15:2006). This document is available only with the purchase of the standard. It is not available as a separate document.

CAN/CSA-ISO/IEC 23001-1A:08

Amendment 1:2008, “Conformance and reference software,” to CAN/CSA-ISO/IEC 23001-1:08, “Information technology — MPEG systems technologies — Part 1: Binary MPEG format for XML” (Adopted Amendment 1:2007 to ISO/IEC 23001-1:2006) \$55

Modifications publiées en français

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

CAN/CSA-ISO/CEI 13818-2:02 RT 2

Rectificatif technique 2:2008 à la norme CAN/CSA-ISO/CEI 13818-2:02, «Technologies de l'information — Codage générique des images animées et du son associé : Données vidéo» (rectificatif technique n° 1:2007 à la norme ISO/CEI 13818-2:2000, adoptée). Ce document est offert seulement avec l'achat de la norme. Il n'est pas offert comme document distinct.

CAN/CSA-ISO/CEI 15444-1:05 RT 1

Rectificatif technique 1:2008 à la norme CAN/CSA-ISO/CEI 15444-1:05, «Technologies de l'information — Système de codage d'images JPEG 2000 : Système de codage noyau» (rectificatif technique n° 1:2007 à la norme ISO/CEI 13818-2:2000, adoptée). Ce document est offert seulement avec l'achat de la norme. Il n'est pas offert comme document distinct.



Reaffirmed Standards

CAN/CSA-ISO-4903-95 (R2008)

Information technology — Data communication — 15-pole DTE/DCE interface connector and contact number assignments (Adopted ISO 4903:1989)

CAN/CSA-ISO/IEC-7185-95 (R2008)

Information technology — Programming languages — Pascal (Adopted ISO/IEC 7185:1990)

CAN/CSA-ISO/IEC-7480-95 (R2008)

Information technology — Telecommunications and information exchange between systems — Start-stop transmission signal quality at DTE/DCE interfaces (Adopted ISO/IEC 7480:1991)

CAN/CSA-ISO/IEC-7498-1-95 (R2008)

Information technology — Open Systems Interconnection — Basic reference model: The basic model (Adopted ISO/IEC 7498-1:1994)

CAN/CSA-ISO/IEC 7498-3-00 (R2008)

Information technology — Open Systems Interconnection — Basic reference model: Naming and addressing (Adopted ISO/IEC 7498-3:1997)

CAN/CSA-ISO/IEC-8613-7-95 (R2008)

Information technology — Open Document Architecture (ODA) and interchange format: Raster graphics content architectures (Adopted ISO/IEC 8613-7:1994)

CAN/CSA-ISO/IEC-8613-8-95 (R2008)

Information technology — Open Document Architecture (ODA) and interchange format: Geometric graphics content architectures (Adopted ISO/IEC 8613-8:1994)

CAN/CSA-ISO/IEC 8878-95 (R2008)

Information technology — Telecommunications and information exchange between systems — Use of X.25 to provide the OSI Connection-mode Network Service (Adopted ISO/IEC 8878:1992)

CAN/CSA-ISO-9160-94 (R2008)

Information processing — Data encipherment — Physical layer interoperability requirements (Adopted ISO 9160:1988)

CAN/CSA-ISO/IEC-9545-95 (R2008)

Information technology — Open Systems Interconnection — Application layer structure (Adopted ISO/IEC 9545:1994)

CAN/CSA-ISO/IEC 9579:04 (R2008)

Information technology — Remote database access for SQL with security enhancement (Adopted ISO/IEC 9579:2000)

CAN/CSA-ISO/IEC-10027-95 (R2008)

Information technology — Information Resource Dictionary System (IRDS) framework (Adopted ISO/IEC 10027:1990)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 10165-5-95 (R2008)

Information technology — Open Systems Interconnection — Structure of management information: Generic management information (Adopted ISO/IEC 10165-5:1994)

CAN/CSA-ISO/IEC 10181-1-00 (R2008)

Information technology — Open Systems Interconnection — Security frameworks for open systems: Overview (Adopted ISO/IEC 10181-1:1996)

CAN/CSA-ISO/IEC 10181-2-00 (R2008)

Information technology — Open Systems Interconnection — Security frameworks for open systems: Authentication framework (Adopted ISO/IEC 10181-2:1996)

CAN/CSA-ISO/IEC 10181-3-00 (R2008)

Information technology — Open Systems Interconnection — Security frameworks for open systems: Access control framework (Adopted ISO/IEC 10181-3:1996)

CAN/CSA-ISO/IEC 10181-4-00 (R2008)

Information technology — Open Systems Interconnection — Security frameworks for open systems: Non-repudiation framework (Adopted ISO/IEC 10181-4:1997)

CAN/CSA-ISO/IEC 10181-5-00 (R2008)

Information technology — Open Systems Interconnection — Security frameworks for open systems: Confidentiality framework (Adopted ISO/IEC 10181-5:1996)

CAN/CSA-ISO/IEC 10181-6-00 (R2008)

Information technology — Open Systems Interconnection — Security frameworks for open systems: Integrity framework (Adopted ISO/IEC 10181-6:1996)

CAN/CSA-ISO/IEC 10181-7-00 (R2008)

Information technology — Open Systems Interconnection — Security frameworks for open systems: Security audit and alarms framework (Adopted ISO/IEC 10181-7:1996)

CAN/CSA-ISO/IEC-10206-94 (R2008)

Information technology — Programming languages — Extended Pascal
(Adopted ISO/IEC 10206:1991)

CAN/CSA-ISO/IEC-10279-94 (R2008)

Information technology — Programming languages — Full BASIC
(Adopted ISO/IEC 10279:1991)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 33: Definition of profile TC4211 (Adopted ISO/IEC ISP 10609-33:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 34: Definition of profile TC43111 (Adopted ISO/IEC ISP 10609-34:1995)



Reaffirmed Standards (cont'd)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 35: Definition of profile TC43112 (Adopted ISO/IEC ISP 10609-35:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 36: Definition of profile TC43211 (Adopted ISO/IEC ISP 10609-36:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 37: Definition of profile TC43212 (Adopted ISO/IEC ISP 10609-37:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 38: Definition of profile TC4331 (Adopted ISO/IEC ISP 10609-38:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 41: Definition of profile TD1231 (Adopted ISO/IEC ISP 10609-41:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 42: Definition of profile TD4111 (Adopted ISO/IEC ISP 10609-42:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 43: Definition of profile TD4211 (Adopted ISO/IEC ISP 10609-43:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 44: Definition of profile TD43111 (Adopted ISO/IEC ISP 10609-44:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 45: Definition of profile TD43112 (Adopted ISO/IEC ISP 10609-45:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 46: Definition of profile TD43211 (Adopted ISO/IEC ISP 10609-46:1995)



Reaffirmed Standards (cont'd)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 47: Definition of profile TD43212 (Adopted ISO/IEC ISP 10609-47:1995)

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

Information technology — International standardized profiles TB, TC, TD and TE — Connection-mode transport service over connection-mode network service — Part 48: Definition of profile TD4331 (Adopted ISO/IEC ISP 10609-48:1995)

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Reaffirmed Standards (cont'd)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Reaffirmed Standards (cont'd)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Information technology — International Standardized Profile FD111 — Directory data definitions — Common Directory Use (Normal) (Adopted ISO/IEC ISP 10616:1995)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC-10728-95 (R2008)

Information technology — Information Resource Dictionary System (IRDS) services interface (Adopted ISO/IEC 10728:1993)

CAN/CSA-ISO/IEC-10742-94 (R2008)

Information technology — Telecommunications and information exchange between systems — Elements of management information related to OSI Data Link Layer standards (Adopted ISO/IEC 10742:1994)

CAN/CSA-ISO/IEC-10747-95 (R2008)

Information technology — Telecommunications and information exchange between systems — Protocol for exchange of inter-domain routing information among intermediate systems to support forwarding of ISO 8473 PDUs (Adopted ISO/IEC 10747:1994)

CAN/CSA-ISO/IEC 10918-3-00 (R2008)

Information technology — Digital compression and coding of continuous-tone still images: Extensions (Adopted ISO/IEC 10918-3:1997)

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

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 1: FVT21 I, FVT212 — Sequenced and Unsequenced Application Control Objects (Adopted ISO/IEC 11185-1:1994)

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

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

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

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

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

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 4: FVT217 — Horizontal Tabulation Control Object (Adopted ISO/IEC 11185-4:1994)

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

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



Reaffirmed Standards (cont'd)

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

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

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

Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 7: FVT21 IO — Entry-Control Control Object (Adopted ISO/IEC 11185-7:1994)

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

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

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

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

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

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

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

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

CAN/CSA-ISO/IEC-11573-95 (R2008)

Information technology — Telecommunications and information exchange between systems — Synchronization methods and technical requirements for Private Integrated Services Networks (Adopted ISO/IEC 11573:1994)

CAN/CSA-ISO/IEC 11586-1-00 (R2008)

Information technology — Open Systems Interconnection — Generic upper layers security: Overview, models and notation (Adopted ISO/IEC 11586-1:1996)

CAN/CSA-ISO/IEC 11586-2-00 (R2008)

Information technology — Open Systems Interconnection — Generic upper layers security: Security Exchange Service Element (SESE) service definition (Adopted ISO/IEC 11586-2:1996)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 11586-3-00 (R2008)

Information technology — Open Systems Interconnection — Generic upper layers security: Security Exchange Service Element (SESE) protocol specification
(Adopted ISO/IEC 11586-3:1996)

CAN/CSA-ISO/IEC 11586-4-00 (R2008)

Information technology — Open Systems Interconnection — Generic upper layers security: Protecting transfer syntax specification (Adopted ISO/IEC 11586-4:1996)

CAN/CSA-ISO/IEC 11586-5-00 (R2008)

Information technology — Open Systems Interconnection — Generic upper layers security: Security Exchange Service Element (SESE) Protocol Implementation Conformance Statement (PICS) proforma (Adopted ISO/IEC 11586-5:1997)

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

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

CAN/CSA-ISO/IEC 13712-2-00 (R2008)

Information technology — Remote Operations: OSI realizations — Remote Operations Service Element (ROSE) service definition (Adopted ISO/IEC 13712-2:1995)

CAN/CSA-ISO/IEC 13712-3-00 (R2008)

Information technology — Remote Operations: OSI realizations — Remote Operations Service Element (ROSE) protocol specification (Adopted ISO/IEC 13712-3:1995)

CAN/CSA-ISO/IEC 13719-1-00 (R2008)

Information technology — Portable Common Tool Environment (PCTE) — Part 1: Abstract specification (Adopted ISO/IEC 13719-1:1998)

CAN/CSA-ISO/IEC 13719-3-00 (R2008)

Information technology — Portable Common Tool Environment (PCTE) — Part 3: Ada programming language binding (Adopted ISO/IEC 13719-3:1998)

CAN/CSA-ISO/IEC 14776-331:04 (R2008)

Information technology — Small Computer System Interface (SCSI) — Part 331: Stream commands (SSC) (Adopted ISO/IEC 14776-331:2002)

CAN/CSA-ISO/IEC TR 15947:04 (R2008)

Information technology — Security techniques — IT intrusion detection framework
(Adopted ISO/IEC TR 15947:2002)

CAN/CSA-Z243.52-88 (R2008)

Information Processing Systems — Data Communication — Multilink Procedures
(Adopted ISO 7478:1987)



Reaffirmed Standards (cont'd)

CAN/CSA-Z243.101-89 (R2008)

Information Processing Systems — Open Systems Interconnection — LOTOS — A Formal Description Technique Based on the Temporal Ordering of Observational Behaviour
(Adopted ISO 8807:1989)

CAN/CSA-Z243.134-M88 (R2008)

Information Processing Systems — Open Systems Interconnection — Internal Organization of the Network Layer (Adopted ISO 8648:1988)

CAN/CSA-Z243.180-89 (R2008)

Information Processing Systems — Open Systems Interconnection — File Transfer, Access and Management — Part 1: General Introduction (Adopted ISO 8571-1:1988)

CAN/CSA-Z243.181-89 (R2008)

Information Processing Systems — Open Systems Interconnection — File Transfer, Access and Management — Part 2: Virtual Filestore Definition (Adopted ISO 8571-2:1988)

CAN/CSA-Z243.182-89 (R2008)

Information Processing Systems — Open Systems Interconnection — File Transfer, Access and Management — Part 3: File Service Definition (Adopted ISO 8571-3:1988)

CAN/CSA-Z243.210.1-89 (R2008)

Information Processing — SGML Support Facilities — Techniques for Using SGML
(Adopted ISO/IEC TR 9573:1988)

CSA has reaffirmed its endorsement of the following IEC standards:

- **ISO 962-1974**
Information processing — Implementation of the 7-bit coded character set and its 7-bit and 8-bit extensions on 9-track 12,7 mm (0.5 in) magnetic tape
- **ISO 1177-1985**
Information processing — Character structure for start/stop and synchronous character oriented transmission
- **ISO 2110:1989**
Information technology — Data communication — 25-pole DTE/DCE interface connector and contact number assignments



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

A3000-08, 3rd edition

Cementitious Materials Compendium

Paper.....	\$330
PDF	\$300

This compendium contains the following five standards:

- **A3001-08**, *Cementitious Materials for Use in Concrete*. This standard addresses the following aspects of cementitious materials:
 - their definitions
 - their chemical, physical, and uniformity requirements
 - the tests required
 - the procedures for inspection and sampling
 - the units of measurement, packaging, marking, and storage.

The cementitious materials for use in concrete are classified as follows in this standard:

- portland cements
 - blended hydraulic cement
 - portland-limestone cement
 - supplementary cementing materials
 - blended supplementary cementing materials.
- **A3002-08**, *Masonry and Mortar Cement*. This standard specifies the requirements for masonry and mortar cement for use in masonry mortar.
 - **A3003-08**, *Chemical Test Methods for Cementitious Materials for Use in Concrete and Masonry*. Test methods in this standard and the “D series” test methods in CSA A3004 address the chemical analysis of hydraulic cement and supplementary cementing materials.
 - **A3004-08**, *Test Methods and Standard Practices for Cementitious Materials for Use in Concrete and Masonry*. This standard specifies the requirements for test methods and standard practices for hydraulic cements, supplementary cementing materials, and blended supplementary cementing materials.
 - **A3005-08**, *Test Equipment and Materials for Cementitious Materials for Use in Concrete and Masonry*. This standard specifies the materials and equipment used in testing hydraulic cements, supplementary cementing materials, and blended supplementary cementing materials.



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

ASME A112.19.2-2008/CSA B45.1-08, 1st edition

Ceramic Plumbing Fixtures

Paper.....	\$110
PDF	\$100

This standard covers vitreous and non-vitreous china plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This standard's performance requirements and test procedures apply to all types of water closets and urinals that discharge into gravity drainage systems in permanent buildings and structures, independent of occupancy.

ASME A112.19.1-2008/CSA B45.2-08, 1st edition

Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures

Paper.....	\$85
PDF	\$75

This standard covers enamelled cast iron and enamelled steel plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings.

This standard covers the following plumbing fixtures:

- bathtubs
- drinking fountains and water coolers
- lavatories
- shower bases
- sinks.

ASME A112.19.3-2008/CSA B45.4-08, 1st edition

Stainless Steel Plumbing Fixtures

Paper.....	\$110
PDF	\$100

This standard covers plumbing fixtures made of stainless steel alloys and specifies requirements for materials, construction, performance, testing, and markings.

This standard covers the following plumbing fixtures:

- bathtubs
- bidets
- drinking fountains and water coolers
- lavatories
- shower bases
- urinals
- sinks.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

O80 Série-08, 10^e édition

Préservation du bois

Papier.....	120 \$
PDF	110 \$

La série O80 comprend les normes suivantes :

- **O80.0-08**, *Exigences générales relatives à la préservation du bois*. Cette norme prescrit les exigences relatives aux traitements chimiques de préservation (par imprégnation sous pression et à chaud) et d'ignifugation du bois. Elle traite, entre autres sujets, des matériaux, de l'analyse de la matière, des modes opératoires d'imprégnation sous pression et à chaud ainsi que de la fabrication et de l'installation du bois traité en vue de sa mise en service.
- **O80.1-08**, *Rédaction de devis pour le bois traité*. Cette norme vise à aider les rédacteurs de devis à déterminer les exigences qui s'appliquent aux produits du bois et aux milieux dans lesquels ils seront utilisés.
- **O80.2-08**, *Traitement*. Cette norme énonce les exigences minimales applicables au traitement des produits du bois visés par les normes de la série CSA O80, y compris le conditionnement, les procédés et leurs limites, les résultats du traitement, la manutention après traitement et le contrôle de la qualité. Les méthodes de traitement et les résultats devraient être conformes aux normes de la série CSA O80 et, sous réserve du chapitre 4 de la CSA O80.0, aux normes AWPA pertinentes.
- **O80.3-08**, *Formules relatives aux produits de préservation*. Cette norme énonce les exigences visant la créosote et le naphthénate de cuivre utilisés pour le traitement des coupes réalisées à pied d'œuvre.
- **O80.4-08**, *Solvants hydrocarbonés*. Cette norme précise les exigences visant les solvants hydrocarbonés de type A et de type C (solvant hydrocarboné léger avec solvant secondaire) servant à la préparation des solutions de pentachlorophénol.
- **O80.5-08**, *Produits adjuvants*. Cette norme énonce les exigences visant la préparation et l'utilisation des combinaisons solution de préservation/produit adjuvant permises par la CSA O80.1 et la CSA O80.2.

Amendments

AAMA/WDMA/CSA 101/I.S.2/A440-08

NAFS North American Fenestration Standard/Specification for Windows, Doors, and Skylights

Revision of Clause 6.2.5.2 and Table 27.

CAN/CSA-B70-06

Cast Iron Soil Pipe, Fittings, and Means of Joining

Revision of the Contents and Clauses 2 and 8. Annex A has been deleted.



Modifications publiées en français

AAMA/WDMA/CSA 101/I.S.2/A440-08

Norme nord-américaine sur les fenêtres (NAFS)/Spécification relative aux fenêtres, aux portes et aux lanterneaux

Des modifications ont été apportées à l'article 6.2.5.2 et au tableau 27.

CAN/CSA-B70-06

Tuyaux et raccords d'évacuation d'eaux usées en fonte et méthodes de raccordement

Des modifications ont été apportées à la table des matières et aux chapitres 2 et 8. L'annexe A a été abrogé.

W59-03

Construction soudée en acier (soudage à l'arc)

Des modifications ont été apportées à l'article 5.5.6.5.5.

Z240 VC Série-08

Véhicules de camping

Z240.4.2-08 : Des modifications ont été apportées à l'article 11.1.2.

Reaffirmed Standards

W59-03 (R2008)

Welded Steel Construction (Metal Arc Welding)

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
October 24, 2008	Clarification of CSA Interim Acceptance of "VIPSUM 71" gypsum board manufactured by VIPCO Industries Inc. and used in CSA certified park model trailers, mobile homes and modular homes. (Supplementary to Informs "Building Products No. 15 & 15A / Park Model Trailers No. 5 and 5A")	Building Products No. 15B/ Park Model Trailers No. 5B
October 24, 2008	Announcing the enforcement of the requirement for Canadian Welding Bureau (CWB) certification when steel frames are used and form part of the permanent flooring systems of CSA certified park model trailers, mobile homes and modular homes.	Building Products No. 16 / Park Model Trailers No. 6



Informs Notices (cont'd)

Date	Subject	Title
October 24, 2008	Publication of CSA standard A14–07, <i>Concrete Poles</i> .	Concrete Products No. 7
October 24, 2008	Publication of Update No. 1 to CSA standard A283-06, <i>Qualification Code for Concrete Testing Laboratories</i> .	Concrete Testing Laboratories No. 11

Certification Notices

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

Effective Date	Subject	Title
October 1, 2009	Revised requirements for the acceptance of non-CSA certified gas, electrical, and plumbing products in recreational vehicles, park model trailers, mobile homes, and modular homes. (Supersedes Building Products No. 14 & 14A / Recreational Vehicles No. 28 & 28A.)	Building Products No. 14B / Recreational Vehicles No. 28B



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 43-08, 6th edition

Lampholders (bi-national standard with UL 496, thirteenth edition)

PDF only \$370

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

These requirements cover screw lampholders, including those intended to be mounted directly on an outlet-box; lampholders for special uses; lampholders for electric signs; and adapters that convert one lampholder size to another.

These requirements also cover the following:

- holders for automatic starters used with fluorescent lamps
- GU24 and GU24-1 holders for fluorescent self-ballasted lamps and fluorescent lamp adapters with mating pin bases
- indicator lamps
- lampholder inserts
- naval-use lampholders.

C22.2 No. 250.0-08, 3rd edition

Luminaires (tri-national standard with NMX-J-307/1-ANCE, first edition, and UL 1598, third edition)

PDF only \$730

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

CAN/CSA-CEI/IEC CISPR 20:08, 1st edition (bilingual)

Sound and television broadcast receivers and associated equipment — Immunity characteristics — Limits and methods of measurement (Adopted CEI/IEC CISPR 20:2006, sixth edition, without modification)

PDF only \$270

This standard for immunity requirements applies to television broadcast receivers, sound broadcast receivers, and associated equipment, intended for use in the residential, commercial and light industrial environment.

This standard describes the methods of measurement and specified limits that apply to sound and television receivers and to associated equipment with regard to their immunity characteristics to disturbing signals.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-CEI/IEC CISPR 20:08, 1^{re} édition (bilingue)

Récepteurs de radiodiffusion et de télévision et équipements associés — Caractéristiques d'immunité — Limites et méthodes de mesure (norme CEI/IEC CISPR 20:2006, sixième édition, adoptée sans modifications)

PDF seulement \$270

Cette norme traite des exigences d'immunité. Elle s'applique aux récepteurs de télévision, aux récepteurs de radiodiffusion sonore et aux appareils associés destinés à être utilisés dans un environnement résidentiel, commercial et dans l'industrie légère.

Cette norme décrit les méthodes de mesure et spécifie des valeurs limites applicables aux récepteurs de radiodiffusion sonore et de télévision et aux équipements qui leur sont associés vis-à-vis de leurs caractéristiques d'immunité aux signaux non désirés.

Amendments

CAN/CSA-C22.2 No. 0.4-04

Bonding of Electrical Equipment

Revision of Clause 3.3.2.

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

C22.2 No. 24-93 (R2008)

Temperature-Indicating and -Regulating Equipment

Revision of the Contents, Clauses 3.3.1, 6.11, and 6.14, and Table 10. Addition of Clauses 4.5.8 and 6.11.5–6.11.9.

CAN/CSA-C22.2 No. 60745-2-5-07

Hand-held motor-operated electric tools — Safety — Part 2-5: Particular requirements for circular saws (bi-national standard with UL 60745-2-5, fourth edition. Adopted IEC 60745-2-5:2006, fourth edition, with Canadian deviations)

Revision of the title page and the copyright page. Addition of deviation to Clause 8.1.

CAN/CSA-C22.2 No. 60745-2-12A-05

Amendment 1:2008 to CAN/CSA-C22.2 No. 60745-2-12:05, “Hand-held motor-operated electric tools — Safety — Part 2-12: Particular requirements for concrete vibrators”

(bi-national standard with UL 60745-2-12, second edition. Adopted Amendment 1:2008 to IEC 60745-2-12:2003, second edition, with Canadian deviations)

PDF only \$35

This document provides revisions to CAN/CSA-C22.2 No. 60745-2-12:05.

Amendments (cont'd)

CAN/CSA-C22.2 No. 61010-1-04

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 national differences)

Revision of the title page, the copyright page, the Contents, National Differences text, Clauses 10.5.3 (IEC) and 11.7.1 (IEC), and Annex DVA. Addition of Clauses 5.1.5DV, 5.1.5.2DV, 16.2DV.3, and 16.3DV.4 and Annex DV US. Deletion of the UL Foreword.

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

Modifications publiées en français

C22.2 n° 0.4-04 (C2008)

Liaison à la terre par continuité des masses de l'appareillage électrique

Des modifications ont été apportées à l'article 3.3.2.

Cette norme est offerte en format PDF seulement.

C22.2 n° 24-93 (C2008)

Indicateurs et régulateurs de température

Des modifications ont été apportées à la table des matières et aux articles 3.3.1, 6.11 et 6.14 et au tableau 10. Les articles 4.5.8 et 6.11.5 à 6.11.9 ont été ajoutés.

CAN/CSA-C22.2 n° 60745-2-5-07

Outils électroportatifs à moteur — Sécurité — Partie 2-5 : Règles particulières pour les scies circulaires (norme binationale comprenant la quatrième édition de la norme UL 60745-2-5. Norme CEI 60745-2-5:2006, quatrième édition, adoptée avec exigences propres au Canada)

Des modifications ont été apportées à la page titre. Ajout d'exigences propres au Canada à l'article 8.1.

CAN/CSA-C22.2 n° 60745-2-12A-05

Modification 1:2008 à la norme CAN/CSA-C22.2 n° 60745-2-12-05, Outils électroportatifs à moteur — Sécurité — Partie 2-12 : Règles particulières pour les vibreurs à béton (norme binationale comprenant la deuxième édition de la norme UL 60745-2-12. Amendement 1:2008 à la norme CEI 60745-2-12:2003, adoptée avec exigences propres au Canada)

PDF seulement 35 \$

Ce document modifie la CAN/CSA-C22.2 no 60745-2-12 :05.



Reaffirmed Standards

C22.2 No. 79-1978 (R2008)

Cellular Metal and Cellular Concrete Floor Raceways and Fittings

C22.2 No. 80-1978 (R2008)

Underfloor Raceways and Fittings

C22.2 No. 197-M1983 (R2008)

PVC Insulating Tape

C22.2 No. 200-M1985 (R2004)

Electric Waterbed Heater Systems

C22.2 No. 222-M1986 (R2008)

Type FCC Under-Carpet Wiring System

CAN/CSA-C61089:03 (R2008)

Round wire concentric lay overhead electrical stranded conductors (Adopted CEI/IEC 1089:1991, first edition, with Canadian deviations)

CAN/CSA-CEI/IEC 61000-2-4:04 (R2008)

Electromagnetic compatibility (EMC) — Part 2-4: Environment — Compatibility levels in industrial plants for low-frequency conducted disturbances (Adopted CEI/IEC 61000-2-4:2002, second edition, without modification)

CAN/CSA-CEI/IEC 61000-2-6:04 (R2008)

Electromagnetic compatibility (EMC) — Part 2: Environment — Section 6: Assessment of the emission levels in the power supply of industrial plants as regards to low-frequency conducted disturbances (Adopted CEI/IEC 1000-2-6:1995, first edition, without modification)

CAN/CSA-CEI/IEC CISPR 11:04 (R2008)

Industrial, Scientific and Medical (ISM) radio-frequency equipment — Electromagnetic disturbance characteristics — Limits and methods of measurement (Adopted CEI/IEC CISPR 11:2003, fourth edition, without modification)

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
October 17, 2008	Publication of Update No. 2 to CSA standard C22.2 No. 24-93, <i>Temperature-Indicating and -Regulating Equipment</i> .	Signal Sensing and Controls No. 6
October 3, 2008	Publication of CSA standard C22.2 No. 214-08, <i>Communications Cables</i> (bi-national standard with UL 444, fourth edition).	Wire and Cable No. 141
October 10, 2008	Clarification of evaluating household electric cooking ranges, electric cooktops and similar appliances with induction heating features to CSA standard CAN/CSA-E60335-2-6, <i>Particular requirements for cooking ranges, cooking tables, ovens and similar appliances for household use</i> (Adopted IEC 60335-2-6, fourth edition, including Amendment 1:2000).	Household Cooking Ranges No. 7

Certification Notices

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

Effective Date	Subject	Title
December 31, 2008	Publication of the third edition of CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets</i> .	Wiring Devices No. 37
December 31, 2008	Publication of CSA standard C22.2 No. 256-05, <i>Direct Plug-In Nightlights</i> .	Lighting Products No. 49
January 30, 2009	Publication of CSA standard C22.2 No. 45.1-07, <i>Electrical Rigid Metal Conduit — Steel</i> (tri-national standard with UL 6 and NMX-J-534-ANCE-2007). (Supersedes Conduit No. 14.)	Conduit No. 21
January 30, 2009	Publication of CSA standard C22.2 No. 83.1-07, <i>Electrical Metallic Tubing — Steel</i> (tri-national standard with UL 797 and NMX-J-536-ANCE-2007). (Supersedes Raceways and Fittings No. 5.)	Raceways and Fittings No. 6

**Certification Notices (cont'd)**

Effective Date	Subject	Title
January 31, 2009	Publication of Update No. 1 to CSA standard C22.2 No. 18.3-04, <i>Conduit Tubing and Cable Fittings</i> (tri-national standard with NMX-J-017-ANCE and UL514B).	Wiring Products No. 10
February 27, 2009	New and revised requirements in standard UL 588, <i>Seasonal and Holiday Decorative Products, 18th edition.</i>	Lighting Products No. 50
April 30, 2009	Publication of Update No. 4 to CSA standard C22.2 No. 112-97 (R2007), <i>Electric Clothes Dryers</i> (bi-national standard with UL 2158). Update contains revisions for installation instructions.	Clothes Dryer Equipment No. 4
July 1, 2009	Publication of CSA standard CAN/CSA-E60691:08, <i>Thermal-Links — Requirements and Application Guide</i> (Adopted CEI/IEC 60691:2002, third edition, including Amendment 1:2006, with Canadian deviations)	Signal Sensing and Controls No. 5
December 15, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 227.2.1-04, <i>Liquid-Tight Flexible Nonmetallic Conduit</i> (bi-national standard with UL 1660).	Conduit No. 22
December 31, 2009	Publication of Update No. 2 to CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets.</i> (Supersedes Wiring Devices No. 37.)	Wiring Devices No. 37A
January 1, 2010	Publication of the second edition of CSA standard CAN/CSA-C681-06, <i>Performance of Self-Ballasted Compact Fluorescent lamps and Ballasted Adapters.</i>	Verification Service Announcement No. 35
March 10, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 243-01, <i>Vacuum Cleaners, Blower Cleaners and Household Floor Finishing Machines</i> (bi-national standard with UL 1017).	Vacuum Cleaners and Blower Cleaners No. 9
March 31, 2010	Publication of Amendments to UL 1059, <i>Terminal Blocks.</i> (Supersedes Wiring Devices No. 40.)	Wiring Devices No. 40A
May 31, 2010	Publication of CSA standard C68.10-08, <i>Shielded Power Cable for Commercial and Industrial Applications, 5-46 KV.</i>	Wire and Cable No. 139

Certification Notices (cont'd)

Effective Date	Subject	Title
May 31, 2010	Extension of effective date for CSA standard CAN/CSA-C22.2 No. 42.1-00, <i>Cover Plates for Flush-Mounted Wiring Devices</i> (bi-national standard with UL 514D).	Wiring Devices No. 39A
June 1, 2010	Publication of CSA standards CAN/CSA-C22.2 No. 60745-1-04 and CAN/CSA-C22.2 No. 60745-2-04 (bi-national standards with UL 60745-1 and associated Part 2 series standards).	Electrical Tools No. 15
► July 1, 2010	Publication of Update No. 2 to CSA standard C22.2 No. 62.1-03, <i>Nonmetallic Surface Raceways and Fittings</i> (bi-national standard with UL5A).	Raceways and Fittings No. 7
December 1, 2010	Publication of CSA standard CAN/CSA-C22.2 No. 60950-1-07 (bi-national standard with UL 60950-1).	Information Technology and Electrical Business Equipment No. 16
January 1, 2012	Publication of CAN/CSA-E61131-2:06, <i>Programmable controllers — Part 2: Equipment requirements and tests</i> (Adopted IEC 61131-2:2003, 2nd edition, with Canadian deviations).	Programmable Controllers No. 1
May 1, 2012 (Canada)	Publication of bi-national standard CSA C22.2 No. 66-06 Series and UL 5085 Series, <i>Low Voltage Transformers</i> .	Transformers No. 6
August 21, 2016	Publication of CAN/CSA-C22.2 No. 60335-2-24-06, <i>Safety Requirements for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice Cream Appliances and Ice Makers</i> (tri-national standard with UL 60335-2-24 and NMX-J-521/2-24-ANCE-2006. Adopted IEC 60335-2-24:2002, sixth edition, with national deviations).	Household Refrigerators and Freezers No. 3



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

F383-08, 2nd edition

Installation of Packaged Solar Domestic Hot Water Systems

PDF only \$65

This standard specifies requirements for the installation of packaged solar domestic hot water (SDHW) systems that meet the requirements of the CSA F379 Series.

N289.1-08, 2nd edition

General requirements for seismic design and qualification of CANDU nuclear power plants

Paper \$330

PDF \$300

This standard sets forth the general requirements for seismic design and qualification of CANDU nuclear power plants.

This standard applies to all structures, systems, and components (SSCs) of CANDU nuclear power plants requiring seismic qualification based on nuclear safety considerations. This standard may also be applied to other SSCs, as deemed appropriate by the owner/licensee or by regulatory agencies such as the Canadian Nuclear Safety Commission (CNSC).

This standard was developed for nuclear power plants in regions of low to moderate seismic hazard, comparable to the levels near Canada’s existing CANDU nuclear power plants. In regions of higher seismic hazard, the engineering required for reliable design under strong earthquake shaking is more complex, and is beyond the scope of this standard. Therefore, while the provisions of this standard can be applied to any nuclear power plant site, additional provisions might be required for high seismic hazard sites.

This standard may be applied, as appropriate, to nuclear facilities under the jurisdiction of the Nuclear Safety and Control Act.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C867.1-08, 1^{re} édition

Performances des torchères

PDF seulement 100 \$

Cette norme énonce les exigences visant les performances des torchères équipées de culots non filetés (de type Edison) et destinées principalement à un usage d’habitation.

Bien que cette norme traite en grande partie des lampes fluorescentes, elle n’exclut aucun autre type d’éclairage, telle les diodes électroluminescentes (DEL) ou l’éclairage à haute intensité de décharge (HID), dans la mesure où les exigences de performances énoncées dans cette norme sont respectées ou dépassées.



Nouvelles normes – Nouvelles éditions – Publications spéciales (cont'd)

N293-07, 3^e édition

Protection contre l'incendie dans les centrales nucléaires CANDU

PDF seulement 200 \$

Cette norme énonce les exigences minimales visant la protection contre l'incendie applicables à la conception, à la construction, à la mise en service, à l'exploitation et au déclassé des centrales nucléaires CANDU, y compris les structures, les systèmes et les composants (SSC) directement associés à la centrale et à la zone protégée.

Les événements extérieurs tels un écrasement d'avion, une explosion à l'extérieur de la zone protégée ou un attentat terroriste ne sont pas visés par cette norme.

Amendments

CAN/CSA-C300-08

Energy Performance and Capacity of Household Refrigerators, Refrigerator-Freezers, Freezers, and Wine Chillers

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

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

Z245.20-06/Z245.21-06

External fusion bond epoxy coating for steel pipe / External polyethylene coating for pipe

- **Z245.20-06/Z245.21-06:** Revision of the contents.
 - **Z245.20-06:** Revision of Clauses 7.3.1.4, 7.3.2.7.1.1, 7.3.2.7.1.2, and 12.16.2.3, and Tables 2–4 and 6–8.
 - **Z245.21-06:** Revision of Clauses 6.1.1–6.1.4, 7.4.2.2, and 8.3.4. Addition of Clauses 7.4.2.2.1, 7.4.2.2.2, and 7.4.2.3.

Z276-07

Liquefied natural gas (LNG) — Production, storage, and handling

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

Z662-07

Oil and Gas Pipeline Systems

Revision of the Contents, Clauses 4.17.3.2, 4.18.2, 6.2.3, 8.1.2, 8.1.3, 8.6, 9.5.1, 10.3.2.5, 10.3.9.4, 10.5.11, 10.8.1.3, 10.11.1.1, 10.14.4.4, 11.8.4.4, 11.12, 11.15.1, 11.24.1, 11.24.2, 12.4.1.4, 12.4.8 (Note), 12.4.8.2, 12.6.8.2, 12.7.5, 12.7.6, 12.7.13.6, 12.10.7, 12.10.13.1, 13.1.5.3 (Note), 13.1.5.4 (Note), 13.2.5.1, 13.2.7.1, 13.2.7.4, 15.5.5.4, 16.2, C.6.3.1.1, C.8.8, I.2.2, I.3.1.2, I.3.2.1, K.5.3.3, K.5.3.4, and O.2.6.4.2, Tables 4.8, 10.3, 12.2, 13.4, and E.1, Figures C.2 and K.5, and Annex L.

Amendments (cont'd)

Z662.1-07

Commentary on CSA Z662-07, "Oil and Gas Pipeline Systems"

Revision of the Contents and the Commentary for Clauses 4.22, 14.3.9.1, and 14.3.9.2, and Table 5.1.

Modifications publiées en français

CAN/CSA-C300-08

Performance énergétique et capacité des réfrigérateurs, des réfrigérateurs-congérateurs, des congérateurs et des réfrigérants à vin ménagers

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

Cette norme est offerte en format PDF seulement.

Z276-07

Gaz naturel liquéfié (GNL) : production, stockage et manutention

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

Cette norme est offerte en format PDF seulement.

Z662-07

Réseaux de canalisations de pétrole et de gaz

Des modifications ont été apportées aux articles 6.2.3, 10.5.11, 11.8.4.4, 12.4.8 (note), 12.7.13.6, 12.10.7, 12.10.13.1, 13.1.5.3, 13.1.5.4, 13.2.5.1, 13.2.7.1, 13.2.7.4, 16.2, C6.3.1.1, I.2.2, I.3.1.2, I3.2.1, K.5.3.3, K.5.3.4 et O.2.6.4.2, aux tableaux 4.8, 10.3, et E.1 et aux figures C.2 et K.5.

Reaffirmed Standards

CAN/CSA-C742-98 (R2008)

Performance of Automatic Ice-Makers and Ice Storage Bins

CAN/CSA-C815-99 (R2008)

Energy Performance of Drinking-Water Coolers

CAN/CSA-C827-98 (R2008)

Energy Performance Standard for Food Service Refrigerators and Freezers



Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

Z804-08, 1^{re} édition

Aménagement forestier durable pour les boisés et les forêts de petite superficie

PDF seulement \$50

Cette norme s'applique aux boisés et aux petites forêts d'une superficie maximale de 4000 hectares faisant l'objet d'un plan d'aménagement. Ces boisés et forêts sont désignés ici par le terme «boisés délimités».

Cette norme énonce des exigences d'aménagement forestier durable pour :

- a) tout boisé délimité constitué d'un ou de plusieurs lots adjacents légalement délimités qui ont le même propriétaire et qui font l'objet d'un même plan d'aménagement ;
- b) tout boisé délimité constitué de lots non adjacents légalement délimités qui ont le même propriétaire, mais qui font l'objet de plans d'aménagement distincts, ou qui totalisent moins de 4000 hectares et qui ont été regroupés et soumis à un même plan d'aménagement ; ou
- c) les boisés délimités isolés ayant chacun une superficie de moins de 4000 hectares, qui font l'objet de plans d'aménagement distincts, mais qui ont été regroupés aux fins de certification.

Cette norme vise les boisés délimités, peu importe leur mode de propriété. Elle n'a pas été conçue à l'intention des propriétaires de terrains à usage industriel dont la fabrication de produits forestiers constitue la principale activité.



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

ANSI LC 6-2008, 1st edition

Natural Gas Operated Diaphragm Pumps

PDF only \$315

This standard details tests and examination criteria for natural-gas-operated diaphragm pumps that use natural gas as the working fluid. This standard applies to diaphragm pumps with a rated inlet pressure not exceeding 125 psi.

Amendments

ANSI Z21.1b-2008

Addenda B to “Household Cooking Gas Appliances”

Paper \$65

PDF \$60

This document provides revisions to ANSI Z21.1-2005 and ANSI Z21.1a-2007.

Reaffirmed Standards

CGA P.6-1993 (R2008)

Testing Method for Measuring Thermal and Operating Efficiencies of Gas-Fired Pool Heaters

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
October 17, 2008	Publication of erratum to ANSI NGV 2-2007, <i>Compressed Natural Gas Vehicle Fuel Containers.</i>	Gas Products No. 176

Certification Notices

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

Effective Date	Subject	Title
► January 1, 2009	Withdrawal of IAS U.S. requirements No. 8-93 for gas-fired log lighters for wood burning fireplaces.	Gas Products No. 171
► January 1, 2009	Withdrawal of CSA International requirements No. 3-00 U.S. for gas-fired shoe dryers.	Gas Products No. 172

**Certification Notices (cont'd)**

Effective Date	Subject	Title
January 1, 2009	Publication of ANSI Z21.58-2007/CSA 1.6-2007, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.58-2005/CSA 1.6-2005, ANSI Z21.58a-2006/CSA 1.6a-2006, and ANSI Z21.58b-2006/CSA 1.6b-2006.	Gas Products No. 126
February 1, 2009	Publication of ANSI Z83.11a-2007/CSA 1.8a-2007, <i>Addenda A to "Gas Food Service Equipment."</i> The revisions in this addenda supersede any corresponding provisions of ANSI Z83.11-2006/CSA 1.8-2006.	Gas Products No. 151
March 1, 2009	Publication of ANSI Z83.7a-2007/CSA 2.14a-2007, <i>Addenda A to "Gas-Fired Construction Heaters."</i> The revisions in this addenda supersede any corresponding provisions of ANSI Z83.7-2000/CSA 2.14-2000.	Gas Products No. 150
▶ April 1, 2009	Withdrawal of IAS U.S. requirements No. 7-95 for water heater enclosures for outdoor installation.	Gas Products No. 173
▶ April 1, 2009	Withdrawal of IAS U.S. requirements No. 4-88 for marking systems and labels.	Gas Products No. 174
▶ April 1, 2009	Withdrawal of IAS U.S. requirements No. 2-95 and TIL No. R-05 for carbon dioxide generators for plant production.	Gas Products No. 175
April 1, 2009	Publication of ANSI Z83.20-2008/CSA 2.34-2008, <i>Gas-Fired Low-Intensity Infrared Heaters</i> . The revisions in this standard supersede any corresponding provisions in ANSI Z83.20-2001/CSA 2.34-2001, ANSI Z83.20a-2003/CSA 2.34a-2003, and ANSI Z83.20b-2004/CSA 2.34b-2004.	Gas Products No. 153
August 3, 2009	Publication of ANSI NGV 2-2007, <i>Compressed Natural Gas Vehicle Fuel Containers</i> .	Gas Products No. 147
▶ December 1, 2009	Publication of ANSI Z21.58a/CSA 1.6a-2008, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.58-2007/CSA 1.6-2007.	Gas Products No. 177
December 1, 2009	Publication of ANSI Z83.18b-2008, <i>Addenda B to "Re-circulating Direct Gas-Fired Industrial Air Heaters."</i> The revisions in this addenda supersede any corresponding provisions of ANSI Z83.18-2004 and Z83.18a-2005.	Gas Products No. 167



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Z600-08, 3rd edition

Safety of Corded Window Covering Products (Adopted ANSI/WCMA A100.1-2007, with Canadian deviations)

Paper	\$85
PDF	\$85

This standard applies to all interior drapery hardware and window covering products that incorporate bead chains, cords, or any type of flexible looped device in their operation.

Products covered by this standard include cellular shades, horizontal blinds, pleated shades, roll-up blinds, roller shades, roman shades, traverse rods, vertical blinds, both stock and custom products, when used in all reasonably foreseeable environments where young children are present.

CAN/CSA-Z5360-08, 2nd edition

Anaesthetic vaporizers — Agent-specific filling systems (Adopted ISO 5360:2006, second edition, without modification)

PDF only	\$100
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This standard specifies the dimensions of agent-specific filling systems for agent-specific anaesthetic vaporizers.

This standard does not specify construction materials. Materials used for the parts of filling systems that come into contact with liquid anaesthetic agent should be selected with regard to the following:

- toxicity
- compatibility with anaesthetic agents
- minimization of health risks due to substances leached from the materials.

Because of the unique properties of desflurane, dimensions for this agent have not been specified in this standard.

CAN/CSA-Z8185-08, 1st edition

Respiratory tract humidifiers for medical use — Particular requirements for respiratory humidification systems (Adopted ISO 8185:2007, third edition, with Canadian deviations)

PDF only	\$150
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This standard includes requirements for the basic safety and essential performance of humidification systems. This standard also includes requirements for individual devices specified for use in humidification systems such as heated breathing tubes (heated-wire breathing tubes) and devices intended to control these heated breathing tubes (heated breathing tube controllers). ISO 5367 specifies other safety and performance requirements for breathing tubes.



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

CAN/CSA-Z8835-2-08, 2nd edition

Inhalational anaesthesia systems — Part 2: Anaesthetic breathing systems
(Adopted ISO 8835-2:2007, third edition, with Canadian deviations)

PDF only \$100

This standard specifies requirements for anaesthetic breathing systems that are supplied either assembled by the manufacturer or for assembly by the user in accordance with the manufacturer's instructions.

It also covers circle absorber assemblies, exhaust valves, inspiratory and expiratory valves and, in some designs, those parts of an anaesthetic breathing system that are incorporated within an inhalation anaesthetic system, including the expiratory gas pathway of an anaesthetic ventilator.

CAN/CSA-Z8835-3-08, 2nd edition

Inhalational anaesthesia systems — Part 3: Transfer and receiving systems of active anaesthetic gas scavenging systems (Adopted ISO 8835-3:2007, second edition, with Canadian deviations)

PDF only \$100

This standard specifies requirements for transfer and receiving systems of active anaesthetic gas scavenging systems (active AGSSs) intended to reduce exposure of healthcare personnel to anaesthetic gases and vapours while providing patient protection (e.g. against excessive flow and pressure). This standard also specifies requirements for transfer and receiving systems of active anaesthetic gas scavenging systems in which the power device is integral with the transfer and receiving system.

CAN/CSA-Z10083-08, 1st edition

Oxygen concentrator supply systems for use with medical gas pipeline systems
(Adopted ISO 10083:2006, second edition, with Canadian deviations)

PDF only \$140

This standard specifies requirements for the design and installation of an oxygen concentrator supply system for use with a medical gas pipeline distribution system that complies with ISO 7396-1.

It applies only to oxygen concentrator supply systems that produce oxygen-enriched air with an oxygen concentration not less than 90 %.

Oxygen concentrators for domiciliary use are excluded from the scope of this standard.

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

CAN/CSA-Z23747-08, 1st edition

Anaesthetic and respiratory equipment — Peak expiratory flow meters for the assessment of pulmonary function in spontaneously breathing humans (Adopted ISO 23747:2007, first edition, with Canadian deviations)

PDF only \$100

This standard specifies requirements for peak expiratory flow meters (PEFMs) intended for the assessment of pulmonary function in spontaneously breathing humans.

This standard covers all devices that measure peak expiratory flowrate in spontaneously breathing humans either as part of an integrated lung function device or as a stand-alone device.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

D270-08, 1^{re} édition

Autobus multifonctions

Papier 85 \$
 PDF 75 \$

Cette norme a pour objet d’établir une catégorie de véhicules plus sécuritaires que les véhicules non conformes. Ce véhicule, désigné AMF (autobus multifonctions), est conforme aux exigences de la CSA D250, sauf pour ce qui est des dispositifs de contrôle de la circulation, de la barrière de protection des élèves traversant à pied et des exigences concernant la couleur. La norme vise l’établissement d’exigences de sécurité pour un véhicule non utilisé comme autobus scolaire mais dont la construction répond aux mêmes exigences de sécurité qu’un autobus scolaire. Cette norme a pour raison d’être d’appliquer aux AMF les exigences concernant la résistance des joints, la résistance aux chocs, la protection contre les tonneaux, les sorties de secours, la compartimentation et autres caractéristiques de sécurité qui font des autobus scolaires les véhicules les plus sécuritaires qui soient sur les routes.

Cette norme énonce les exigences visant le châssis et la carrosserie, de même que l’équipement de sécurité des autobus multifonctions.

Cette norme vise les autobus multifonctions de types A1, A2, B, C et D.

Z263.1-08, 1^{re} édition

Casques de ski alpin et de planche à neige à usage récréatif

Papier 65 \$
 PDF 60 \$

Cette norme s’applique aux casques conçus pour réduire les risques de traumatismes crâniens que courent les skieurs alpins et les planchistes amateurs. Ces casques peuvent également être utilisés dans le cadre d’autres sports de neige récréatifs non motorisés. Cette norme définit les zones de la tête qui doivent être protégées contre les blessures dues à des chocs. Elle établit en outre des exigences fondamentales de tenue en service visant l’amortissement des chocs, la stabilité des casques, la résistance des dispositifs de retenue de même que le marquage et l’étiquetage.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-Z5360-08, 2^e édition

Évaporateurs d'anesthésie — Systèmes de remplissage spécifiques à l'agent
(norme ISO 5360:2006, deuxième édition, adoptée sans modifications)

PDF seulement 100 \$

Cette norme spécifie les dimensions des systèmes de remplissage spécifiques à l'agent utilisés avec des évaporateurs d'anesthésie spécifiques à l'agent.

CAN/CSA-Z8185-08, 1^{re} édition

Humidificateurs respiratoires médicaux — Exigences spécifiques des systèmes d'humidification respiratoires (norme ISO 8185:2007, troisième édition, adoptée avec exigences propres au Canada)

PDF seulement 150 \$

Cette norme contient les exigences de sécurité de base et les exigences en matière de performances essentielles des systèmes d'humidification. Cette norme contient également des exigences applicables aux dispositifs particuliers destinés à être utilisés dans les systèmes d'humidification comme les tuyaux respiratoires chauffés (tuyaux respiratoires avec résistance chauffante) et les dispositifs destinés au contrôle de ces tuyaux respiratoires chauffés (commandes de tuyaux respiratoires chauffés). L'ISO 5367 spécifie d'autres exigences de sécurité et de performance pour les tuyaux respiratoires.

CAN/CSA-Z8835-2-08, 2^e édition

Systèmes d'anesthésie par inhalation — Partie 2 : Systèmes respiratoires d'anesthésie
(norme ISO 8835-2:2007, troisième édition, adoptée avec exigences propres au Canada)

PDF seulement 100 \$

Cette norme spécifie les exigences relatives aux systèmes respiratoires d'anesthésie fournis prémontés ou à monter par l'utilisateur, conformément aux instructions du fabricant.

Elle traite également des montages circulaires avec absorbeur, des valves d'évacuation, ainsi que des valves inspiratoires et expiratoires et, pour les modèles pertinents de systèmes respiratoires d'anesthésie, des pièces faisant partie intégrante des systèmes d'anesthésie par inhalation, y compris les systèmes d'évacuation des gaz des ventilateurs d'anesthésie.

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-Z8835-3-08, 2^e édition

Systèmes d'anesthésie par inhalation — Partie 3 : Systèmes de transfert et de réception des systèmes d'évacuation des gaz d'anesthésie (norme ISO 8835-3:2007, deuxième édition, adoptée avec exigences propres au Canada)

PDF seulement 100 \$

Cette norme spécifie les exigences relatives aux systèmes de transfert et aux systèmes de réception des systèmes d'évacuation des gaz d'anesthésie actifs (SEGA actifs), conçus pour réduire l'exposition du personnel de santé aux gaz et aux vapeurs d'anesthésie, tout en protégeant le patient (par exemple contre une pression ou un débit de gaz excessifs).

Elle spécifie également les exigences applicables aux systèmes de transfert et de réception des systèmes d'évacuation des gaz d'anesthésie actifs dans lesquels la source d'alimentation fait partie intégrante du système de transfert et de réception.

CAN/CSA-Z10083-08, 1^{re} édition

Systèmes d'approvisionnement par concentrateurs d'oxygène pour utilisation dans des réseaux de distribution de gaz médicaux (norme ISO 10083:2006, deuxième édition, adoptée avec exigences propres au Canada)

PDF seulement 140 \$

Cette norme spécifie des exigences pour la conception et l'installation d'un système d'approvisionnement par concentrateurs d'oxygène, destiné à être utilisé en association avec un réseau de canalisations de gaz à usages médicaux qui satisfait à l'ISO 7396-1.

Cette norme ne s'applique qu'aux systèmes d'approvisionnement par concentrateurs d'oxygène qui produisent de l'oxygène par enrichissement d'air de concentration en oxygène non inférieure à 90%.

Les concentrateurs d'oxygène pour utilisation à domicile sont exclus du domaine d'application de cette norme.

CAN/CSA-Z23747-08, 1^{re} édition

Matériel d'anesthésie et de réanimation respiratoire — Débitmètres à débit de pointe expiratoire pour l'évaluation de la fonction pulmonaire chez les êtres humains respirant spontanément (norme ISO 23747:2007, première édition, adoptée avec exigences propres au Canada)

PDF seulement 100 \$

Cette norme spécifie les exigences relatives aux débitmètres permettant le mesurage du débit de pointe expiratoire (PEFM), destinés à l'évaluation de la fonction pulmonaire chez les êtres humains en respiration spontanée.

Cette norme couvre tous les dispositifs mesurant le débit de pointe expiratoire en tant que partie d'un dispositif intégré de fonctionnement des poumons ou en tant que dispositif indépendant.



Amendments

CAN/CSA-B335-04

Safety Standard for Lift Trucks

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

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

CAN/CSA-Z317.13-07

Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities

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

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

Modifications publiées en français

CAN/CSA-Z317.13-07

Lutte contre l'infection pendant les travaux de construction, de rénovation et d'entretien dans les établissements de santé

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

Cette norme est offerte en format PDF seulement.

CAN/CSA-B335-04

Norme de sécurité pour les chariots élévateurs

Des modifications ont été apportées à la première de couverture et à la page titre. Le texte relatif aux Normes nationales du Canada a été ajouté.

Cette norme est offerte en format PDF seulement.

Reaffirmed Standards

B620-03 (R2008)

Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods

CAN/CSA-B621-03 (R2008)

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

CAN/CSA-B622-03 (R2008)

Selection and Use of Highway Tanks, Multi-Unit Tank Car Tanks, and Portable Tanks for the Transportation of Dangerous Goods, Class 2

Reaffirmed Standards (cont'd)

CAN/CSA-ISO 13485:03 (R2008)

Medical devices — Quality management systems — Requirements for regulatory purposes
(Adopted ISO 13485:2003, second edition, without modification)

CAN/CSA-M15078-03 (R2008)

Machinery for forestry — Log loaders — Location and method of operation of two-lever operator controls (Adopted ISO 15078:1998, first edition, with Canadian deviations)

CAN/CSA-Z195-02 (R2008)

Protective Footwear

CAN/CSA-Z796-98 (R2008)

Accident Information

Withdrawn Standards

CAN/CSA-ISO 11137-98 (R2003)

Sterilization of health care products — Requirements for validation and routine control — Radiation sterilization (Adopted ISO 11137:1995, first edition, without modification)

CAN/CSA-Z262.4-00 (R2006)

Ice Hockey Pucks

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
August 22, 2008	New certification service to CSA standard Z263.1-08, <i>Recreational Alpine Skiing & Snowboarding Helmets</i> .	Sports and Recreational Equipment No. 11



Certification Notices

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

Effective Date	Subject	Title
February 20, 2009	Publication of ANSI Z87.1-2003, <i>Occupational and Educational Personal Eye and Face Protection Devices</i> .	Occupational Health and Safety Products No. 54
July 1, 2009	Publication of ANSI/ASSE Z359.1-2007, <i>Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components</i> .	Occupational Health and Safety Products No. 52
July 1, 2009	Publication of Update TIA 06-1 to NFPA 1983, <i>Standard on Life Safety Rope and Equipment for Emergency Services</i> (2006 edition).	Occupational Health and Safety Products No. 53



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



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