



**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.

*Visit our web site at www.csa.ca and
find out just how convenient
and efficient it is to access
all the latest information.*

About this publication

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

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

Information is organized into the eight program areas listed below.



Communications/Information includes Information Technology • Telecommunications



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



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



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



Environment includes Environmental Management • Environmental Technology



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



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



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

What you'll find

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

Completed Projects / Projets terminés

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

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

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

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

▼ **Amendments**

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

▼ **Modifications publiées en français**

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

▼ **Adopted Standards**

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

▼ **Endorsed Standards**

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

Endorsed standards are not sold by CSA.

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

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

▼ Reaffirmed Standards

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

▼ Withdrawn Standards

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

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

▼ Formal Interpretations

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

Under Development

▼ Notice of Intent

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

▼ Drafts for Public Review

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

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

▼ Proposed Reaffirmation of Standards

Standards listed in this section are being reviewed to determine if they remain technically valid and current. If you have any comments, send them to the contact person noted within 30 days of the date of this issue of *Info Update*. Your comments will be passed on to the appropriate committee for consideration.

▼ Proposed Withdrawal of Standards

These documents are being considered for withdrawal. If you have any questions or concerns about this, contact the person noted within 30 days of the date of this issue of *Info Update*.

▼ Status of Standards Projects

The project status report was formerly published quarterly in *Info Update*. Beginning with the February 2003 issue of *Info Update* this information will be available on our web site, independent of *Info Update*. This report lists projects that CSA committees are currently working on. Standards listed in this report are not yet available for sale.

Certification and Testing (CSA International)

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

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

▼ **Certification Notices**

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

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

 **Communications/Information**

[CAN/CSA-ISO/IEC 7811-6:02, 2nd edition](#)

Identification Cards–Recording Technique–Part 6: Magnetic Stripe–High Coercivity
(Adopted ISO/IEC 7811-6:2001)

[CAN/CSA-ISO/IEC 10373-3:02, 1st edition](#)

Identification Cards–Test Methods–Part 3: Integrated Circuit(s) Cards with Contacts and Related Interface Devices (Adopted ISO/IEC 10373-3:2001)

 **Produits et matériaux de construction**

[B125-01, 9^e édition](#)

Robinetterie sanitaire

[Série B137-02, 2^e édition](#)

Recueil de normes sur les tuyaux sous pression en matière thermoplastique

[G401-01, 3^e édition](#)

Tuyaux en tôle ondulée

[O80S1-99, 1^{re} édition](#)

Supplément n° 1 à la norme O80 Série-97, Préservation du bois : O80.35-99, Traitement de préservation sous pression à l'arséniate de cuivre et de chrome (ACC) : bardeaux et bardeaux de fente

[W48-01, 1^{re} édition](#)

Métaux d'apport et matériaux associés pour le soudage à l'arc

 **Electrical/Electronics**

[C22.2 No. 126.1-02, 2nd edition](#)

Metal Cable Tray Systems (Bi-national standard with NEMA VE 1, 4th edition)

[C9-02, 4th edition](#)

Dry-Type Transformers

 **Électricité et électronique**

[C22.2 n° 108-01, 4^e édition](#)

Pompes pour liquides

 **Energy**

[Z341 Series-02, 1st edition](#)

Storage of Hydrocarbons in Underground Formations

 **Énergie**

[C448 Série-02, 1^{re} édition](#)

Conception et installation des systèmes d'énergie du sol

[C820-02, 1^{re} édition](#)

Méthodes d'essai du rendement énergétique des petites pompes

 **Environment**

[PLUS 1165, 1st edition](#)

Protocol for Verification of the Environmental Performance Agreement between Environment Canada, Industry Canada, and the Automotive Parts Manufacturers' Association

[Z107.58-02, 1st edition](#)

Noise Emission Declarations for Machinery

[Z809-02, 2nd edition](#)

Sustainable Forest Management: Requirements and Guidance Document

 **Gas**

[ANSI Z21.11.2-2002, 24th edition](#)

Gas-Fired Room Heaters—Volume II, Unvented Room Heaters

 **Life Sciences**

[Z91-02, 5th edition](#)

Health and Safety Code for Suspended Equipment Operations

[Z94.3-02, 6th edition](#)

Eye and Face Protector

[Z142-02, 4th edition](#)

Code for Power Press Operation: Health, Safety, and Guarding Requirements

[Z264.1-02, 1st edition](#)

Spacers and Holding Chambers for Use with Metered-Dose Inhalers

[Z305.8-03, 1st edition](#)

Medical Supply Units

[Z900.1-03, 1st edition](#)

Cells, Tissues, and Organs for Transplantation and Assisted Reproduction: General Requirements



Sciences de la vie

[Z168.5.1-97, 2^e édition](#)

Ventilateurs d'anesthésie

[Z195.1-02, 1^{re} édition](#)

Lignes directrices relatives à la sélection, à l'entretien et à l'utilisation des chaussures de protection



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Please note that 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 PDF format only.

CAN/CSA-ISO/IEC 7811-6:02, 2nd edition

Identification Cards–Recording Technique–Part 6: Magnetic Stripe–High Coercivity (Adopted ISO/IEC 7811-6:2001)..... \$80

CAN/CSA-ISO/IEC 10373-3:02, 1st edition

Identification Cards–Test Methods–Part 3: Integrated Circuit(s) Cards with Contacts and Related Interface Devices (Adopted ISO/IEC 10373-3:2001)..... \$170

Reaffirmed Standards

CAN/CSA-ISO/IEC 7501-2-98 (R2002)

Identification Cards–Machine Readable Travel Documents–Part 2: Machine Readable Visa (Adopted ISO/IEC 7501-2:1995)

CAN/CSA-ISO/IEC 9594-6-98 (R2002)

Information Technology–Open Systems Interconnection–The Directory–Part 6: Selected Attribute Types (Adopted ISO/IEC 9594-6:1995)

CAN/CSA-ISO/IEC 9594-9-98 (R2002)

Information Technology–Open Systems Interconnection–The Directory: Part 9: Replication (Adopted ISO/IEC 9594-9:1995)

CAN/CSA-ISO/IEC 13870-98 (R2002)

Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-Exchange Signalling Protocol–Call Completion Supplementary Services (Adopted ISO/IEC 13870:1995)



Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

B125-01, 9^e édition

Robinetterie sanitaire 90 \$

Cette norme s'applique aux robinets d'un diamètre nominal d'au plus NPS-1, aux vidanges d'au plus NPS-2 et aux soupapes de mélange d'eau thermostatiques d'au plus NPS-4.

Elle vise notamment les dispositifs suivants :

- a) robinets de baignoire, de douche ou combinés ;
- b) robinets de bidet ;
- c) robinets de machine à laver ;
- d) robinets de fontaine ;
- e) robinets de cuve de lavage ;
- f) robinets de lavabo ;
- g) robinets d'évier ;
- h) robinets d'alimentation de réservoir de chasse ;
- i) robinets mélangeurs ;
- j) dispositifs de chasse sous pression (soupape de chasse de réservoir, réservoir de chasse) ;
- k) robinets d'humidificateurs ;
- l) robinets de vidange et d'arrosage ;
- m) robinets d'arrêt ;
- n) amorces de siphon ;
- o) soupapes de décharge à détente thermique ;
- p) vidanges de baignoire et de douche ;
- q) coulisses de vidange ;
- r) vidanges de fontaine ;
- s) vidanges de cuve de lavage ;
- t) vidanges de lavabo ;
- u) vidanges d'évier ;
- v) robinets à flotteur casse-vide ;
- w) soupapes de mélange d'eau thermostatiques.

Cette norme énonce des exigences relatives aux siphons destinés aux endroits accessibles seulement.

Cette norme ne s'applique pas aux tuyaux, tubes et raccords standard qui font l'objet d'autres normes.

Série B137-02, 2^e édition

Recueil de normes sur les tuyaux sous pression en matière thermoplastique 350 \$

La série B137 comprend les normes suivantes :

- **B137.0, 6^e édition**, *Tubes et raccords en matière thermoplastique pour canalisations sous pression : définitions, exigences générales et méthodes d'essai*
- **B137.1, 6^e édition**, *Tuyaux, tubes et raccords en polyéthylène pour réseaux de distribution d'eau froide*



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

Série B137-02 (suite)

- B137.2, 4^e édition, *Raccords en PVC moulés par injection et munis de bagues d'étanchéité pour conduites sous pression*
- B137.3, 8^e édition, *Tuyaux rigides et raccords en polychlorure de vinyle (PVC) pour conduites d'eau sous pression*
- B137.4, 6^e édition, *Tuyauteries en polyéthylène pour conduites de gaz combustibles*
- B137.4.1, 3^e édition, *Raccords en polyéthylène à souder par électrofusion pour conduites de gaz combustibles*
- B137.5, 5^e édition, *Tubes et raccords en polyéthylène réticulé PEX pour conduites sous pression*
- B137.6, 5^e édition, *Tuyaux, tubes et raccords en poly(chlorure de vinyle) chloré (CPVC) pour réseaux de distribution d'eau chaude et d'eau froide*
- B137.8, 5^e édition, *Tuyauterie en polybutylène (PB) pour conduites d'eau sous pression*
- B137.9, 4^e édition, *Tuyaux et raccords sous pression en matériaux composites polyéthylène-aluminium-polyéthylène*
- B137.10, 4^e édition, *Tuyaux et raccords sous pression en matériaux composites polyéthylène-aluminium réticulé-polyéthylène réticulé*
- B137.11, 3^e édition, *Tuyaux et raccords en polypropylène (PP-R) pour conduites d'eau sous pression*
- B137.12, 3^e édition, *Tuyauteries en polyamide pour conduites de gaz combustibles*

G401-01, 3^e édition

Tuyaux en tôle ondulée 50 \$

Cette norme traite des exigences relatives aux matériaux et à la fabrication des tuyaux en tôle ondulée et des tuyaux en tôle forte ondulée.

Cette norme traite de l'utilisation des tuyaux en tôle ondulée et des tuyaux en tôle forte ondulée dans la construction de ponceaux, d'égouts pluviaux et sanitaires, de drains souterrains, de réseaux de recharge de la nappe phréatique, de chemises de puits, de passages souterrains, de canalisations de ruisseaux, d'abris et de tunnels.

Cette norme ne comprend pas les exigences relatives aux calculs hydrauliques et structuraux, à la construction et à l'installation.

O80S1-99, 1^{re} édition

Supplément n° 1 à la norme O80 Série-97, Préservation du bois : O80.35-99, Traitement de préservation sous pression à l'arséniate de cuivre et de chrome (ACC) : bardeaux et bardeaux de fente 40 \$

Ce supplément comprend une nouvelle norme de la série O80-97, *Préservation du bois : O80.35-99, Traitement de préservation sous pression à l'arséniate de cuivre et de chrome (ACC) : bardeaux et bardeaux de fente.*



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

W48-01, 1^{re} édition

Métaux d'apport et matériaux associés pour le soudage à l'arc 150 \$

Cette norme énonce les caractéristiques de classification et de certification de plusieurs types de métaux d'apport et de matériaux associés pour le soudage manuel à l'arc, le soudage à l'arc sous gaz de protection, le soudage avec fils fourrés de flux et fourrés de poudres métalliques et le soudage à l'arc submergé. (Note. Cette norme remplace les normes W48.1 à W48.6).

Amendments

CAN/CSA-B45.10-01

Hydromassage Bathtubs

Revision of the outside and inside front cover, the title page, and Clause 1.1.

CAN/CSA-G40.20-98 / CAN/CSA-G40.21-98

General Requirements for Rolled or Welded Structural Quality Steel / Structural Quality Steels

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

S806-02

Designation and Construction of Building Components with Fibre-Reinforced Polymers

Revision of Clause 11.4.2.2.

Modifications publiées en français

B45 Série-99

Appareils sanitaires

Les modifications suivantes ont été apportées à la série B45 :

Les articles suivants ont été modifiés :

- B45 Séries-99 : Table des matières
- B45.0-99 : Articles 2.1, 3.1, 15.8.6.1, 15.10.1, 15.10.2 et 16.2.8
- B45.1-99 : Article 7.3
- B45.5-99 : Articles 4.7 et 5.8.

Les articles suivants ont été ajoutés :

- B45.0-99 : Articles 9.1.6, 9.8, 13.5, 16.1.3 et 16.2.9.

CAN/CSA-B45.10-01

Baignoires à hydromassage

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, à la page titre et à l'article 1.1.



Modifications (suite)

Série B64-01

Casse-vidé et dispositifs antirefoulement

Des modifications ont été apportées aux articles 2.1 et 3.2 de la norme B64.5-01.

CAN/CSA-G40.20-98 / CAN/CSA-G40.21-98

*Exigences générales relatives à l'acier de construction laminé ou soudé /
Aciers de construction*

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

Reaffirmed Standards

A440.2-98 / A440.3-98 (R2003)

*Energy Performance of Windows and Other Fenestration Systems / User Guide to CSA Standard
A440.2-98, Energy Performance of Windows and Other Fenestration Systems*

Under Development

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 7, 2003.

Draft Standards

To receive copies of the following draft standard, or to offer comments, contact Lidwina Kumar at 416-747-4188 or lidwina.kumar@csa.ca:

O141, 5th edition

Softwood Lumber

Proposed Withdrawal of Standards

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

- **B111-1974 (R1998)**
Wire Nails, Spikes and Staples
- **CAN/CSA-B131.1-M88 (R1999)**
External Zinc-Coating of Ductile Iron Pipe
- **CAN/CSA-G12-92 (R1998)**
Zinc-Coated Steel Wire Strand

Proposed Withdrawal of Standards (cont'd)

- **G42-1964 (R1998)**
Galvanized (Zinc-Coated) Steel Farm-Field Wire Fencing
- **G162.1-M1977 (R1992)**
Methods of Determining Mass of Coating on Zinc-Coated (Galvanized) Steel Wire
- **G387-M1981 (R1998)**
Steel Wire for Elevators

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
May 23, 2003	Publication of the ninth edition of CSA standard B70-02, <i>Cast Iron Soil Pipe, Fittings, and Means of Joining</i> . (Note: The effective date applies only to additional marking requirements specified in B70-02.)	Plumbing Products No. 141

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 126.1-02, 2nd edition

Metal Cable Tray Systems (Bi-national standard with UL 568) \$65

This standard specifies the requirements for metal cable trays and associated fittings designed for use in accordance with the rules of the *Canadian Electrical Code, Part I* and the *National Electrical Code*.

C9-02, 4th edition

Dry-Type Transformers \$75

This standard applies to single-phase and 3-phase dry-type transformers. The standard deals with the standardization of voltage ratings, kV•A capacities, other electrical features, certain mechanical features, and test procedures.

The standard does not apply to transformers designed solely for test purposes, rectifier transformers, welding transformers, furnace transformers, instrument transformers, motor-starting autotransformers, or any other special-purpose transformers.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 108-01, 4^e édition

Pompes pour liquides 80 \$

Cette norme s'applique aux unités de pompage à moteur électrique destinées à fonctionner dans des emplacements non dangereux à l'intérieur, à l'extérieur (exposés aux intempéries) ou immergés, et conçues pour être utilisées conformément au *Code canadien de l'électricité, Première partie*.

Cette norme s'applique aux catégories de pompe suivantes :

- a) pompes à branchement permanent ou par cordon sans fiche ;
- b) pompes à cordon ;
- c) pompes non équipées destinées à être incorporées à un appareil visé par une autre norme du *Code canadien de l'électricité, Deuxième partie*.

Cette norme ne s'applique pas aux pompes pour emplacements dangereux ou destinées à véhiculer des liquides inflammables comme les pompes à essence.

Amendments

C22.2 No. 27-00

Busways

Revision of the title page, copyright page, preface, foreword (ANCE), foreword (UL), Clauses 1.1.1, 1.2.1, 2.3.4.3, 7.4.1, and 7.5.2.2.1, and Tables 9, D.1, and D.2. Clause 1.1.3 has been deleted.



Amendments (cont'd)

CAN/CSA-E730-2-2A-94 (bilingual)

Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Thermal Motor Protectors. Amendment 1:2002 (adopted Amendment 1:1995 to CEI/IEC 730-2-2:1990, without modifications)..... \$20

This document provides revisions to CAN/CSA-E730-2-2-94.

CAN/CSA-E730-2-2B-94 (bilingual)

Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Thermal Motor Protectors. Amendment 2:2002 (adopted Amendment 2:1997 to CEI/IEC 730-2-2:1990, without modifications)..... \$25

This document provides revisions to CAN/CSA-E730-2-2-94.

Modifications publiées en français

CAN/CSA-C22.2 n° 60950-00

Sécurité des matériels de traitement de l'information (norme binationale avec UL 60950)

Des modifications ont été apportées à la page titre, la page des droits d'auteur, la préface, l'avant-propos (CSA), l'avant-propos (UL), l'article 5.3.6, ainsi qu'aux annexes P.1 et P.2.

CAN/CSA-C22.3 n° 3-98

Coordination électrique

Des modifications ont été apportées à l'article 3.2.2.1.

CAN/CSA-E730-2-2A-94 (bilingue)

Dispositifs de commande électrique automatiques à usage domestique et analogue—Deuxième partie : Règles particulières pour les dispositifs thermiques de protection des moteurs. Amendement 1:2002 (norme CEI/IEC 730-2-2:1990, amendement 1:1995, adoptée, sans modifications)..... 20 \$

Ce document contient des modifications à la norme CAN/CSA-E730-2-2-94.

CAN/CSA-E730-2-2B-94 (bilingue)

Dispositifs de commande électrique automatiques à usage domestique et analogue—Deuxième partie : Règles particulières pour les dispositifs thermiques de protection des moteurs. Amendement 2:2002 (norme CEI/IEC 730-2-2:1990, amendement 2:1997, adoptée, sans modifications)..... 25 \$

Ce document contient des modifications à la norme CAN/CSA-E730-2-2-94.

Reaffirmed Standards

C22.2 No. 49-98 (R2003)

Flexible Cords and Cables



Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Michael Wilson at 416-747-2532 or michael.wilson@csa.ca:

- **C22.2 No. 1, 11th edition**
Audio, Video and Similar Electronic Equipment

For more information about the proposed development of the following new project, contact Denis Vaz at 416-747-2519 or denis.vaz@csa.ca:

- **C22.2 No. 131, 4th edition**
Type TECK 90 Cable
-

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 7, 2003.

Draft Standards

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

- **C22.2 No. 96, 8th edition**
Portable Power Cables

Proposed Amendments

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

- **CAN/CSA-C22.2 No. 144-M91 (R2001)**
Ground Fault Circuit Interrupters

Proposed revision of various clauses.

Proposed Adoptions

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

- **IEC 61000-3-3:2002 (Consolidated edition 1.1, including amendment 1:2001)**
Electromagnetic Compatibility (EMC)—Part 3-3: Limits—Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Public Low-Voltage Supply Systems, for Equipment with Rated Current Less Than or Equal To 16A per Phase and Not Subject to Conditional Connection



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **IEC 61000-3-11:2000**
Electromagnetic Compatibility (EMC)–Part 3-11: Limits–Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Public Low-Voltage Supply Systems–Equipment with Rated Current Less Than or Equal To 75A per Phase and Subject to Conditional Connection
- **IEC 61000-4-7:2002**
Electromagnetic Compatibility (EMC)–Part 4-7: Testing and Measurement Techniques–General Guide on Harmonics and Interharmonics Measurements and Instrumentation, for Power Supply Systems and Equipment Connected Thereto
- **IEC 61000-4-15:1997 + Amendment 1:2003**
Electromagnetic Compatibility (EMC)–Part 4: Testing and Measurement Techniques–Section 15: Flickermeter–Functional and Design Specification

Proposed Reaffirmation of Standards

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

- **CAN/CSA-C22.3 No. 3-98**
Electrical Coordination
- **C22.3 No. 5.1-93 (R1998)**
Recommended Practices for Electrical Protection–Electrical Contact Between Overhead Supply and Communications Lines

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
October 31, 2002	Publication of Technical Information Letter (TIL) No. M-02A, covering interim certification requirements for Arc-Fault Circuit Interrupters and Arc-Fault Protection Devices.	Moulded Case Circuit Breakers No. 2A/ Wiring Devices No. 24
November 1, 2002	Publication of CSA C22.2 No. 18.5-02/UL 1565, <i>Positioning Devices</i> .	Wiring Devices No. 23
November 1, 2002	Amendment to CSA standard C22.2 No. 38-95, <i>Thermoset Insulated Wires and Cables</i> .	Wire and Cable No. 100
December 20, 2002	Publication of CSA standard C22.2 No. 126.2-02, <i>Nonmetallic Cable Tray Systems</i> (bi-national with UL 568).	Cable Tray Systems No. 6

Certification Notices

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

Effective Date	Subject	Title
November 7, 2003	Publication of the third edition of CSA standard C22.2 No. 104-01, <i>Humidifiers</i> . (Supersedes Certification Notice <i>Humidifiers No. 1</i> .)	Humidifiers No. 2
▶ December 1, 2003	Publication of amendments to CSA standard C22.2 No. 61-M89, <i>Household Cooking Ranges</i> .	Household Cooking Ranges No. 5
April 10, 2004	Publication of an amendment to the twelfth edition of standard UL 153, <i>Portable Electric Luminaires</i> . The requirements in standard UL 153 are the basis for CSA certification to the US requirements, indicated by the CSA Mark with the <i>NRTL</i> or <i>US</i> indicator.	Lighting Products No. 39
July 1, 2004	Publication of Technical Information Letter No. I-39. This TIL covers interim certification requirements. These requirements will be incorporated into the next edition of C22.2 No. 1.	Audio and Video Equipment No. 15
September 30, 2004	Publication of the third edition of CSA standard C22.2 No. 107.1-01, <i>General Use Power Supplies</i> . (Supersedes Certification Notice <i>Power Supplies No. 4</i> .) (Note: The effective date was September 2002 for certain types specified in the notice.)	Power Supplies No. 18



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Z341 Series-02, 1st edition

Storage of Hydrocarbons in Underground Formations \$175

This series contains the following three standards:

- Z341.1-02, *Reservoir Storage*
- Z341.2-02, *Salt Cavern Storage*
- Z341.3-02, *Mined Cavern Storage*

These standards set out the minimum requirements for the design, construction, operation, maintenance, abandonment, and safety of hydrocarbon storage in underground formations and associated equipment. Hydrocarbons within the scope of these standards include crude oil, diesel, natural gas, methane, ethane, propane, butane, and other hydrocarbons by themselves or in mixtures.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C448 Série-02, 1^{re} édition

Conception et installation des systèmes d'énergie du sol 85 \$

Cette série est constituée des trois normes qui suivent, publiées sous une même couverture :

- **C448.1-02**, *Conception et installation des systèmes d'énergie du sol pour bâtiments commerciaux et institutionnels*. Cette norme vise les thermopompes monobloc ou bibloc individuelles sur circuit d'eau, qui utilisent des systèmes à eau souterraine, des échangeurs de chaleur immergés ou des échangeurs de chaleur souterrains comme source ou évacuateur de chaleur pour le chauffage et (ou) le refroidissement, avec ou sans source de chauffage d'appoint.
- **C448.2-02**, *Conception et installation des systèmes d'énergie du sol pour habitations et autres petits bâtiments*. Cette norme vise les thermopompes monobloc ou bibloc individuelles conçues pour les habitations et autres petits bâtiments d'une superficie maximale de 1400 m² (15 000 pi²), qui utilisent des systèmes à eau souterraine, des échangeurs de chaleur immergés ou des échangeurs de chaleur souterrains comme source ou évacuateur de chaleur pour le chauffage et (ou) le refroidissement, avec ou sans source de chauffage d'appoint. Le cas échéant, la norme CSA C448.1 peut être utilisée au lieu de la C448.2.
- **C448.3-02**, *Conception et installation des systèmes de stockage d'énergie thermique souterrain pour les bâtiments commerciaux et institutionnels*. Cette norme vise les systèmes de stockage d'énergie thermique souterrain pour le chauffage et le refroidissement de tous les types de bâtiments et le refroidissement industriel et agricole.



C820-02, 1^{re} édition

Méthodes d'essai du rendement énergétique des petites pompes..... 60 \$

Cette norme s'applique aux pompes centrifuges qui requièrent une puissance de sortie nominale du moteur d'entraînement de 373 W (1/2 hp) à 7,46 kW (10 hp).

Cette norme spécifie la méthode d'essai des pompes centrifuges pour déterminer ce qui suit :

- a) la hauteur de charge produite par la pompe par rapport à son débit ;
- b) la puissance d'entrée par rapport au débit de la pompe ;
- c) le rendement par rapport au débit de la pompe.

Amendments

CAN/CSA-C802.1-00

Minimum Efficiency Values for Liquid-Filled Distribution Transformers

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

Z245.11-01

Steel Fittings

Revision of Table 6.

Z245.12-01

Steel Flanges

Revision of Tables 4 and 11.

Modifications publiées en français

CAN/CSA-C802.1-00

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

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

Formal Interpretations

The following interpretations regarding **CSA standard Z662, Oil and Gas Pipeline Systems**, have been approved by the Technical Committee on Oil and Gas Pipeline Systems and Materials.

1) Z662, Clause 5.2.1.2

Question: With regard to the low temperature materials requirements of this piping, which is used primarily for steam injection purposes, but is being used for this occasional injection of nitrogen – are we correct in referring to CSA Z662 Clause 5.2.1.2 for the low temperature materials requirements?

Answer: Yes.

Formal Interpretations (cont'd)

2) Z662, Clause 11

Question 1: Is the von Mises stress in Clause 11 the only check carried out for the various load combinations for offshore risers?

Answer: No. See Clauses 11.2.3.2 and 11.2.4.2.3.3, and Tables 11.1 and 11.2.4.5.

Question 2: Other than the design factor in Table 11.1, is there a location factor that needs to be considered in the design of offshore risers?

Answer: No. In addition, see Note (2) in Table 11.1.

Under Development

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Mario Micallef at 416-747-2266 or mario.micallef@csa.ca:

- **B376-M1980**
Portable Containers for Gasoline and Other Petroleum Fuels



Completed Projects / Projets Terminés

New Standards – New Editions – Special Publications

PLUS 1165, 1st edition

Protocol for Verification of the Environmental Performance Agreement between Environment Canada, Industry Canada, and the Automotive Parts Manufacturers' Association..... \$35

CSA Special Publication PLUS 1165 establishes verification procedures for the planning and performance of a third-party verification of the requirements of the *Environmental Performance Agreement* (Memorandum of Understanding) between Environment Canada, Industry Canada, and the Automotive Parts Manufacturers' Association (APMA) and the participating member companies. The verification procedures provided are applicable to all types and sizes of organizations that are signatories to the *Environmental Performance Agreement*.

Z107.58-02, 1st edition

Noise Emission Declarations for Machinery..... \$60

This standard is intended for manufacturers and purchasers of machinery sold in, or exported from, Canada. It is also intended for regulators, acoustical professionals, and other interested parties.

This standard is intended to provide the following:

- a) guidance on the steps required to provide and verify noise emission declarations for machinery and equipment intended for the workplace;
- b) guidance in the use of noise emission declarations to purchase quieter machinery and plan noise control;
- c) requirements consistent with the EU Directives pertaining to machinery (EC 00, EC 99, EC 98) and the supporting International and European Standards, prepared by the International Organization for Standardization (ISO) and the European Committee for Standardization (CEN);
- d) information that may also be applicable to the use of similar US National Standards of the American National Standards Institute (ANSI); and
- e) additional requirements reflecting Canadian concerns with respect to noise measurements, employee exposure, and engineering noise control.

Z809-02, 2nd edition

Sustainable Forest Management: Requirements and Guidance Document

This guidance document is currently available in PDF only. It can be downloaded **free of charge** from our online store at www.csa.ca. To download, [click here](#) and enter Z809 in the search field.

This standard describes the requirements for sustainable forest management on a Defined Forest Area (DFA), including the nature of the commitment the requirements for public participation, the performance requirements, the management framework, a review of actions, and continual improvement. It also lists the specific points that must be addressed, audited, and approved in order for certification to be recommended.



Reaffirmed Standards

CAN/CSA-ISO 14010-96 (R2003)

Guidelines for Environmental Auditing—General Principles

CAN/CSA-ISO 14011-96 (R2003)

Guidelines for Environmental Auditing—Audit Procedures—Auditing of Environmental Management Systems

CAN/CSA-ISO 14012-96 (R2003)

Guidelines for Environmental Auditing—Qualification Criteria for Environmental Auditors

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Katie Altoft at 416-747-4080 or katie.altoft@csa.ca:

- **PLUS 1133, 2nd edition**
Guidelines for Sustainable Forest Management Systems—General Audit Principles and Audit Procedures for Auditing Sustainable Forest Management Systems
- **PLUS 1134, 2nd edition**
Guidelines for Sustainable Forest Management Systems—Qualification Criteria for Sustainable Forest Management Systems Auditors

For more information about the proposed development of the following new projects, contact Darryl Neate at 416-747-2539 or darryl.neate@csa.ca:

- **ISO 14001, 2nd edition**
Environmental Management Systems—Specification with Guidance for Use
- **ISO 14004, 2nd edition**
Environmental Management Systems—General Guidelines on Principles, Systems and Supporting Techniques
- **Z825, 2nd edition**
Guide to ISO 14001 for Auditors and Users



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

ANSI Z21.11.2-2002, 24th edition

Gas-Fired Room Heaters—Volume II, Unvented Room Heaters \$570

Details test and examination criteria for unvented heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Such heaters are limited to maximum input ratings of 40,000 Btu per hour.

Amendments

ANSI Z21.1a-2003

Addenda A to “Household Cooking Gas Appliances” \$85

This document provides revisions to ANSI Z21.1-2000.

ANSI Z21.91a-2002

Addenda A to “Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters” \$80

This document provides revisions to ANSI Z21.91-2001.

ANSI Z83.19a-2002/CSA 2.35a-2002

Addenda A to “Gas-Fired High-Intensity Infrared Heaters” \$80

This document provides revisions to ANSI Z83.19-2001/CSA 2.35-2001.

Under Development

Drafts for Public Review

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

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 7, 2003.



Drafts for Public Review (cont'd)

Proposed Amendments

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

- **ANSI Z21.13/CSA 4.9, proposed addenda “b”**
Gas-Fired Low Pressure Steam and Hot Water Boilers
- **ANSI Z21.60/CSA 2.26, proposed addenda “b”**
Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces

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

- **ANSI Z21.58/CGA 1.6, proposed addenda “a”**
Outdoor Cooking Gas Appliances
- **ANSI Z21.81/CSA 6.25, proposed addenda “b”**
Cylinder Connection Devices
- **ANSI Z21.89/CSA 1.18, proposed addenda “b”**
Outdoor Cooking Specialty Gas Appliances

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 31, 2002	Publication of ANSI/ISA-12.13.01-2000, <i>Performance Requirements for Combustible Gas Detectors.</i>	Hazardous Locations Products No. 9



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Z91-02, 5th edition

Health and Safety Code for Suspended Equipment Operations..... \$90

This standard includes requirements for the safe operation of various types of suspended equipment used to gain access to interior or exterior (or both) sides of buildings or structures. Much of the equipment referred to in this standard is designed, installed, inspected, and tested in accordance with CAN/CSA-Z271.

The purpose of this standard is to provide basic occupational health and safety requirements for persons occupying or working from equipment, both permanently installed and temporary, suspended from buildings or structures. Such equipment includes, but is not limited to, suspended platforms, bosun's chairs, stages running on inclines, and suspended work cages. It does not include suspended harnesses, equipment suspended from cranes or hoists, elevating devices, and platforms supported from the ground or building elevations.

Z94.3-02, 6th edition

Eye and Face Protectors..... \$60

This standard applies to eye and face protectors used in all occupational and educational operations or processes involving hazards to the eyes or face. Typical hazards covered include flying objects and particles, splashing liquids, molten metal, and ultraviolet, visible, and infrared radiation.

The following hazards are not covered:

- X-rays
- gamma rays
- high-energy particulate radiation
- radioactive materials
- lasers
- masers.

This standard sets minimum performance requirements but does not cover other factors of design such as comfort, service life, or appearance.

Z142-02, 4th edition

Code for Power Press Operation: Health, Safety, and Guarding Requirements..... \$95

The requirements of this standard apply to the design, manufacturing, installation, maintenance, and operation of power presses.

This standard covers the occupational health and safety requirements for all classes of power presses that are fitted with a ram (plunger or slide) and dies for the purposes of blanking, cutting, trimming, drawing, punching, forming (bending), stamping, assembling, or processing metal and other materials.



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

Z264.1-02, 1st edition

Spacers and Holding Chambers for Use with Metered-Dose Inhalers..... \$65

This standard sets out requirements for spacers and/or holding chambers (S-HCs) for use with pressurized metered-dose inhalers. It stipulates the material and components, the packaging and labelling, and the aerosol characterization as determined by in vitro testing.

This standard does not address the following:

- (a) pressurized metered-dose inhalers (pMDIs) and the medications that are delivered by these units;
- (b) S-HCs used with pMDIs in ventilator circuits or artificial airways;
- (c) S-HCs for use with dry powder inhalers or nebulizers;
- (d) tests of mask fit in S-HCs that are supplied with a mask;
- (e) products that combine a pMDI and an integrated, usually non-detachable, S-HC in the same unit; and
- (f) the clinical effects and efficacy of medications when used in conjunction with S-HCs.

This standard does not address the interface between the S-HC and the pMDI canister on spacers and/or holding chambers with integral actuators.

Z305.8-03, 1st edition

Medical Supply Units \$75

This standard specifies the safety requirements for medical supply units for application in medical areas, such as general wards, as well as in special-purpose areas, such as operating theatres, induction rooms, recovery wards, dialysis units, intensive care or therapy units, and other intermediate care areas. Medical supply units are intended to supply medical gases, either singly or in combination with other services such as electric power, liquid supply, or equipment connections.

This standard also specifies requirements pertaining to reliable operation of the units, where it impinges on safety.

This standard does not cover the following:

- (a) the general requirements for electrical safety already covered in CSA C22.2 No. 601.1 and CAN/CSA-Z32;
- (b) other equipment, such as devices for nurse call systems or monitoring, that can be incorporated in, or mounted on, medical supply units;
- (c) safety hazards resulting from the intended physiological function of equipment covered by this standard; and
- (d) medical gas control panels.

Z900.1-03, 1st edition

Cells, Tissues, and Organs for Transplantation and Assisted Reproduction: General Requirements..... \$95

This standard specifies general requirements related to the safety of human cells, tissues, and organs used for transplantation and assisted reproduction purposes. It includes aspects of safety for potential and actual donors and recipients, personnel, and others who may be exposed to or affected by the transplantation of cells, tissues, or organs. This standard is intended to serve as a benchmark and to provide minimum requirements for the verification

New Standards – New Editions – Special Publications (cont'd)**Z900.1-03 (cont'd)**

of safe practices in the donor suitability assessment, retrieval, processing, preservation, packaging, labelling, storage, quarantine, evaluation, record-keeping, adverse event reporting, distribution, importation or exportation, and recall of human cells, tissues, and organs for transplantation and assisted reproduction.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

Z168.5.1-97, 2^e édition

Ventilateurs d'anesthésie..... 50 \$

Cette norme vise les ventilateurs d'anesthésie conçus pour être utilisés conformément au *Code canadien de l'électricité, Première partie*. Cette norme modifie et complète la norme CAN/CSA-C22.2 n° 601.1 et ses suppléments.

Z195.1-02, 1^{re} édition

Lignes directrices relatives à la sélection, à l'entretien et à l'utilisation des chaussures de protection..... 15 \$

Ces lignes directrices complètent la norme CSA Z195-02, *Chaussures de protection*, et visent à conseiller les pouvoirs de réglementation et les utilisateurs de chaussures de protection. Bien que ces lignes directrices aient été conçues pour être consultées de façon autonome, elles contiennent de nombreuses références à la norme et la plupart des conseils présentés ici se fondent sur les critères établis par cette dernière relativement à la conception, à la tenue et aux marquages des chaussures de protection. Les utilisateurs désirant se familiariser avec les exigences particulières visant les chaussures de protection devraient se référer aux critères présentés dans la norme.

Ces lignes directrices visent à :

- a) aider les utilisateurs de chaussures de protection et les employeurs à sélectionner correctement les chaussures de protection les plus efficaces pour leurs tâches et leur milieu de travail respectifs ;
- b) aider les employeurs, les comités de santé et de sécurité au travail et les travailleurs à cerner les risques et les dangers éventuels qui nécessitent le port de chaussures de protection en milieu de travail ;
- c) aider les employeurs et les comités de santé et de sécurité au travail à mettre en place et à maintenir des programmes de promotion du port de chaussures de protection qui répondent aux exigences de diligence raisonnable et d'amélioration continue en matière de prévention des blessures ;
- d) offrir aux utilisateurs des conseils pratiques sur la sélection, l'entretien et la mise au rebut des chaussures de protection, y compris l'hygiène personnelle.

Amendments

CAN/CSA Z314.9-01

Installation, Ventilation, and Safe Use of Ethylene Oxide Sterilizers in Health Care Facilities

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



Modifications publiées en français

CAN/CSA Z314.9-01

Installation et ventilation des stérilisateurs à l'oxyde d'éthylène dans les établissements de santé

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

Reaffirmed Standards

CAN/CSA-ISO 5840-98 (R2002)

Cardiovascular Implants—Cardiac Valve Prostheses (Adopted ISO 5840:1996)

CAN/CSA-ISO 10993.7-98 (R2002)

Biological Evaluation of Medical Devices—Part 7: Ethylene Oxide Sterilization Residuals
(Adopted ISO 10993.7:1995)

CAN/CSA-ISO 10993.11-98 (R2002)

Biological Evaluation of Medical Devices—Part 11: Tests for Systemic Toxicity
(Adopted ISO 10993.11:1993)

CAN/CSA-ISO 10993.12-98 (R2002)

Biological Evaluation of Medical Devices—Part 12: Sample Preparation and Reference Materials
(Adopted ISO 10993.12:1996)

CAN/CSA-Z317.1-99 (R2002)

Special Requirements for Plumbing Installations in Health Care Facilities

Z317.5-98 (R2002)

Illumination Systems in Health Care Facilities

Z259.3-M1978 (R2003)

Lineman's Body Belt and Lineman's Safety Strap

Under Development / En préparation

Notice of Intent

For more information about the proposed development of the following new project, contact Kevin MacKenzie at 416-747-2496 or kevin.mackenzie@csa.ca:

- **Z262.7, 1st edition**
Spectator Safety in Indoor Arenas

Notice of Intent (cont'd)

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

- **ISO 17510-1:2002 (to be published as CSA standard Z17510-1)**
Sleep Apnoea Breathing Therapy—Part 1: Sleep Apnoea Breathing Therapy Devices
- **ISO 17510-2:2003 (to be published as CSA standard Z17510-2)**
Sleep Apnoea Breathing Therapy—Part 2: Masks and Accessories
- **ISO 23328-2:2002 (to be published as CSA standard Z23328-2)**
Breathing System Filters for Anaesthetic and Respiratory Use—Part 2: Non-Filtration Aspects

Drafts for Public Review / Projets de normes pour examen public

Please note: Public comments about the draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by April 7, 2003.

Draft Standards

To receive copies of the following draft standard, or to offer comments, contact Diane Palm at 416-747-2250 or diane.palm@csa.ca:

- **B651, 3rd edition**
Barrier-Free Design

Note. Les observations du public à propos des projets de normes et des modifications proposées énumérés dans ce numéro doivent être reçues d'ici le 7 avril 2003.

Projets de normes

Pour recevoir un exemplaire des projets suivants ou faire connaître vos observations, veuillez vous adresser à M^{me} Diane Palm par téléphone au (416) 747-2250 ou par courriel à diane.palm@csa.ca :

- **B651, 3^e édition**
Accessibilité des bâtiments et autres installations : Règles de conception

Proposed Adoptions

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

- **ISO 10535, 2nd edition (to be published as CSA standard Z10535)**
Hoists for the Transfer of Disabled Persons—Requirements and Test Methods



Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
February 21, 2003	Publication of Technical Information Letter (TIL) No. MHC-08, covering interim certification requirements for electromechanical lifting devices for persons.	Health Care Equipment No. 12



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



Contact Information

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