



**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
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all the latest information.*

About this publication

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

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

Information is organized into the eight program areas listed below.



Communications/Information includes Information Technology • Telecommunications



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



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



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



Environment includes Environmental Management • Environmental Technology



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



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



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

What you'll find

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

Completed Projects / Projets terminés

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

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

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

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

▼ **Amendments**

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

▼ **Modifications publiées en français**

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

▼ **Adopted Standards**

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

▼ **Endorsed Standards**

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

Endorsed standards are not sold by CSA.

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

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

▼ Reaffirmed Standards

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

▼ Withdrawn Standards

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

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

▼ Formal Interpretations

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

Under Development

▼ Notice of Intent

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

▼ Drafts for Public Review

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

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

▼ Proposed Reaffirmation of Standards

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

▼ Proposed Withdrawal of Standards

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

▼ Status of Standards Projects

The project status report was formerly published quarterly in *Info Update*. Beginning with the February 2003 issue of *Info Update* this information will be available on our web site, independent of *Info Update*. To view or download visit <http://www.csa.ca/standards/default.asp?load=report&language=English>. This report lists projects that CSA committees are currently working on. Standards listed in this report are not yet available for sale.

Certification and Testing (CSA International)

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

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

▼ **Certification Notices**

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

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



Construction Products and Materials

[B79-05, 3rd edition](#)

Floor Drains, Area Drains, Shower Drains, and Cleanouts in Residential Construction



Produits et matériaux de construction

[O15-05, 3^e édition](#)

Poteaux et poteaux renforts en bois pour les services publics



Electrical / Electronics

[C22.2 No. 84-05, 3rd edition](#)

Incandescent Lamps

[C22.2 No. 254-05, 1st edition](#)

Motor Control Centres (Tri-national standard with NMX-J-353-ANCE, second edition and UL 845, fifth edition)

[CAN/CSA-C22.2 No. 60529:05, 1st edition \(bilingual\)](#)

Degrees of protection provided by enclosures (IP Code) (Adopted CEI/IEC 60529:1989, including Amendment 1:1999, edition 2.1, with Canadian deviations)



Électricité et électronique

[C22.2 n° 227.3-05, 3^e édition](#)

Tubes de protection mécanique non métalliques (TPMNM) (norme binationale avec UL 1696, première édition)

[CAN/CSA-C22.2 n° 60529:05, 1^{re} édition \(bilingue\)](#)

Degrés de protection procurés par les enveloppes (Code IP) (norme CEI/IEC 60529:1989, comprenant l'amendement 1:1999, édition 2.1, adoptée avec les exigences propres au Canada)



Environnement

[CAN/CSA-ISO 14001:04, 2^e édition](#)

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



Gas Equipment

[Gas Technician Training 3 — Module 1, 3rd edition](#)

Safety

[Gas Technician Training 3 — Module 2, 3rd edition](#)

Fasteners, Tools, and Testing Instruments

[Gas Technician Training 3 — Module 3, 3rd edition](#)

Properties, Characteristics, and Safe Handling of Fuel Gases

[Gas Technician Training 3 — Module 6, 3rd edition](#)

Technical Manuals, Specifications, Drawings, and Graphs

[Gas Technician Training 3 — Module 8, 3rd edition](#)

Introduction to Piping and Tubing Systems

[Gas Technician Training 3 — Module 9, 3rd edition](#)

Introduction to Gas Appliances



Life Sciences

[Z275.1-05, 4th edition](#)

Hyperbaric Facilities

[Z275.5-05, 1st edition](#)

Occupational Diver Training



Sciences de la Vie

[Z62.3-04, 3^e édition](#)

Recul des scies à chaîne



Completed Projects / Projets terminés

Withdrawn Standards

Z243.57-1991 (R2000)

Canadian Vocabulary on Information Technology Security



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B79-05, 3rd edition

Floor Drains, Area Drains, Shower Drains, and Cleanouts in Residential Construction \$80

This standard specifies requirements for floor drains, area drains, shower drains, and cleanouts in residential construction. The subjects covered by this standard include the following:

- materials
- design requirements (for connections, fasteners, grates, cleanout covers, backwater valves, and integral traps)
- tests (loading, backwater valve tightness, sealing and corrosion)
- markings.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

O15-05, 3^e édition

Poteaux et poteaux renforts en bois pour les services publics 90 \$

Cette norme énonce les exigences relatives aux matériaux, à la fabrication et aux dimensions des différentes classes de poteaux et poteaux renforts en bois séché destinés principalement aux lignes de transport d'énergie électrique et de télécommunications.

Amendments

A23.1-04/A23.2-04

*Concrete Materials and Methods of Concrete Construction/
Methods of Test and Standard Practices for Concrete*

- **A23.1-04/A23.2-04:** Revision of the Contents page.
- **A23.1-04:** Revision of Tables 1, 6, and 24.
- **A23.2-04:** Revision of the following:
 - A23.2-13A, Clauses 2, 3, 4.1.3, 4.2, and 5-7. Deletion of Clauses 4.1.4 and 8-10.
 - A23.2-27A, Table 6.
 - A23.2-5C, Clause 6.3.2.
 - A23.2-15C, Clauses 2 and 5.2.1, and Figure 1. Deletion of Table 1.

Z245.1-02

Steel Pipe

Revision of Clauses 2, 7.2.4.2-7.2.4.6, 13.4, 15.2, 15.4.1, 15.4.2, 16.2, 16.3, 16.5, and 16.9, and Figure 1.



Modifications publiées en français

A440.2-04/A440.3-04

*Rendement énergétique des fenêtres et autres systèmes de fenestration /
Guide d'utilisation de la CSA A440.2-04, Rendement énergétique des fenêtres et
autres systèmes de fenestration*

- **A440.2-04/A440.3-04** : Modifications au comité technique.
- **A440.2-04** : Modification des articles 2, 3.1 et 5.3.7.

Reaffirmed Standards

CAN/CSA-A23.4-00 (R2005)

Precast Concrete — Materials and Construction

CAN/CSA-S6-00 (R2005)

Canadian Highway Bridge Design Code

Withdrawn Standards

CAN/CSA-A369.1-M90 (R2001)

Method of Test for Compressive Strength of Masonry Prisms

Under Development

Notice of Intent

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

- **B70, 10th edition**
Cast Iron Soil Pipe, Fittings, and Means of Joining

Drafts for Public Review

Errata: In *Info Update 2005 Volume 5 (August 2005)*, the public review was for proposed amendments to the *B137 Series, 3rd edition*, not the standard itself.

Proposed Amendments

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

B137 Series, 3rd edition

Thermoplastic Pressure Piping Compendium

Revision of various clauses.



Proposed Reaffirmation of Standards

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

- **CAN/CSA-G40.23-94 (R2001)**
Steel — Surface Finish of Hot-Rolled Plates and Wide Flats — Delivery Requirements

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
August 4, 2005	Publication of Technical Information Letter No. MSE-50, providing interim certification requirements for automatic water supply shutoff valves and components for use on hot water heaters.	Plumbing Products No. 160
August 31, 2005	Publication of CSA standard B602-05, <i>Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe</i> . Major changes from the previous edition include coverage for a Type 3 coupling.	Plumbing Products No. 161
August 31, 2005	Publication of Technical Information Letter No. RV-07, providing interim certification requirements for loft areas in park model trailers.	Park Model Trailers No. 4

Certification Notices

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

Effective Date	Subject	Title
October 1, 2005	Changes to CSA's Certification and Listing Requirements for water closets.	Plumbing Products No. 156
December 1, 2005	Introduction of Certification Service to NSF/ANSI 61-2004, <i>Drinking Water System Components — Health Effects</i> .	Drinking Water Products No. 1
September 1, 2006	Publication of CAN/CSA standard B182.8-02, <i>Profile Polyethylene Storm Sewer and Drainage Pipe and Fittings</i> .	Plumbing Products No. 158



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 84-05, 3rd edition

Incandescent Lamps \$60

This standard applies to medium-screwbase incandescent lamps, including double-envelope tungsten halogen types, that have right-hand threads and that are intended for general lighting use in luminaires and other lighting equipment designed to be used in accordance with the *Canadian Electrical Code, Part I*.

This standard includes requirements for the following:

- general construction details
- wattage
- torsion resistance
- insulation resistance
- endurance testing of lamps with an integral voltage-modification device
- marking and marking durability
- lamp base temperature
- lamp profile temperature.

C22.2 No. 254-05, 1st edition

Motor Control Centres (Tri-national standard with NMX-J-353-ANCE, second edition, and UL 845, fifth edition) \$325

This standard applies to motor control centres to be used in accordance with the *National Electrical Code* (ANSI/NFPA 70), the *Canadian Electrical Code, Part I* (CSA C22.1), and the Mexican *Electrical Installation (Utility)* (NOM-001-SEDE).

The requirements in this standard cover motor control centres for use on circuits having available short-circuit currents not more than 200 000 A rms symmetrical or 200 000 dc.

This standard applies to single-phase and three-phase 50 Hz and 60 Hz and dc motor control centres rated not more than 600 V ac or 1 000 V dc.

CAN/CSA-C22.2 No. 60529:05, 1st edition (bilingual)

Degrees of protection provided by enclosures (IP Code) (Adopted CEI/IEC 60529:1989, including Amendment 1:1999, edition 2.1, with Canadian deviations) \$150

This standard applies to the classification of degrees of protection provided by enclosures for electrical equipment with a rated voltage not exceeding 72.5 kV.

This standard does not cover requirements for enclosure type designations.

Requirements for enclosure type designations 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12 and 12K are contained in CSA C22.2 No. 94.1 (or the applicable CSA C22.2 series standard), and CSA C22.2 No. 94.2.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 227.3-05, 3^e édition

Tubes de protection mécanique non métalliques (TPMNM) (norme binationale avec UL 1696, première édition) 395 \$

Cette norme s'applique aux tubes de protection mécanique non métalliques (TPMNM), ainsi qu'à leurs raccords de grosseurs nominales 10 à 53 (1/4 à 2) destinés au support et à la protection de conducteurs isolés d'appareils utilisés dans des emplacements non dangereux.

CAN/CSA-C22.2 n° 60529:05, 1^{re} édition (bilingue)

Degrés de protection procurés par les enveloppes (Code IP) (norme CEI/IEC 60529:1989, comprenant l'amendement 1:1999, édition 2.1, adoptée avec les exigences propres au Canada) 150 \$

Cette norme s'applique à la classification des degrés de protection procurés par les enveloppes pour les matériels électriques de tension assignée inférieure ou égale à 72,5 kV.

Cette norme n'énonce pas d'exigences visant les désignations des enveloppes. Les exigences visant les enveloppes portant les désignations 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12 et 12K font l'objet de la C22.2 n° 94.1 de la CSA (ou de la norme pertinente de la série C22.2) et de la C22.2 n° 94.2 de la CSA.

Amendments

CAN/CSA-C22.2 No. 248.1-00 (R2005)

Low-Voltage Fuses — Part 1: General Requirements

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 6.1, 6.2, and 8.3.3. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.2-00 (R2005)

Low-Voltage Fuses — Part 2: Class C Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1 and 8.2.4. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.3-00 (R2005)

Low-Voltage Fuses — Part 3: Class CA and CB Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1 and 8.2.4. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.4-00 (R2005)

Low-Voltage Fuses — Part 4: Class CC Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1 and 8.2.4. Deletion of the ANCE and UL Forewords.



Amendments (cont'd)

CAN/CSA-C22.2 No. 248.5-00 (R2005)

Low-Voltage Fuses — Part 5: Class G Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1 and 8.2.4. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.6-00 (R2005)

Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1 and 8.2.4. Addition of Clause 8.1. Deletion of the Foreword (ANCE) and the Foreword (UL).

CAN/CSA-C22.2 No. 248.7-00 (R2005)

Low-Voltage Fuses — Part 7: Class H Renewable Fuses

Revision of the title page, the copyright page, the contents page, the preface, Clause 1, and Figures A and B. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.8-00 (R2005)

Low-Voltage Fuses — Part 8: Class J Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1 and 8.2.4. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.9-00 (R2005)

Low-Voltage Fuses — Part 9: Class K Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1 and 8.2.4. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.11-00 (R2005)

Low-Voltage Fuses — Part 11: Plug Fuses

Revision of the title page, the copyright page, the contents page, the preface, Clause 1, and Figure A. Addition of Clause 8.1. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.12-00 (R2005)

Low-Voltage Fuses — Part 12: Class R Fuses

Revision of the title page, the copyright page, the contents page, the preface, Clause 1, and Figures A and B. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.13-00 (R2005)

Low-Voltage Fuses — Part 13: Semiconductor Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1, 8.2.4, and 8.4. Deletion of the ANCE and UL Forewords.



Amendments (cont'd)

CAN/CSA-C22.2 No. 248.14-00 (R2005)

Low-Voltage Fuses — Part 14: Supplemental Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1, 4, 5.5, 6.1, 8.2.1.1, 8.2.4, and 8.4.4. Addition of Clause 7.2. Deletion of the ANCE and UL Forewords.

CAN/CSA-C22.2 No. 248.15-00 (R2005)

Low-Voltage Fuses — Part 15: Class T Fuses

Revision of the title page, the copyright page, the contents page, the preface, and Clauses 1, 1.1, 4, 8.2.4, Table B, and Figure B. Deletion of the ANCE and UL Forewords.

Modifications publiées en français

CAN/CSA-C22.2 n° 248.1-00 (C2005)

Fusibles basse tension — Partie 1 : Exigences générales

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 6.1, 6.2 et 8.3.3. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.2-00 (C2005)

Fusibles basse tension — Partie 2 : Fusibles de classe C

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1 et 8.2.4. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.3-00 (C2005)

Fusibles basse tension — Partie 3 : Fusibles de classes CA et CB

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1 et 8.2.4. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.4-00 (C2005)

Fusibles basse tension — Partie 4 : Fusibles de classe CC

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1 et 8.2.4. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.5-00 (C2005)

Fusibles basse tension — Partie 5 : Fusibles de classe G

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1 et 8.2.4. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.



Modifications publiées en français (suite)

CAN/CSA-C22.2 n° 248.6-00 (C2005)

Fusibles basse tension — Partie 6 : Fusibles de classe H sans élément de remplacement

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1 et 8.2.4. L'article 8.1 a été ajouté. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.7-00 (C2005)

Fusibles basse tension — Partie 7 : Fusibles de classe H à élément de remplacement

Des modifications ont été apportées à la page titre, à la table des matières, à la préface, à l'article 1 et les figures A et B. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.8-00 (C2005)

Fusibles basse tension — Partie 8 : Fusibles de classe J

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1 et 8.2.4. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.9-00 (C2005)

Fusibles basse tension — Partie 9 : Fusibles de classe K

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1.4, 6.1, 8.2.4 et 8.4. L'article 9 a été ajouté. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.11-00 (C2005)

Fusibles basse tension — Partie 11 : Fusibles-bouchons

Des modifications ont été apportées à la page titre, à la table des matières, à la préface, à l'article 1 et à la figure A. L'article 8.1 a été ajouté. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.12-00 (C2005)

Fusibles basse tension — Partie 12 : Fusibles de classe R

Des modifications ont été apportées à la page titre, à la table des matières, à la préface, à l'article 1 et aux figures A et B. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.13-00 (C2005)

Fusibles basse tension — Partie 13 : Fusibles semiconducteurs

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1, 8.2.4 et 8.4. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.



Modifications publiées en français (suite)

CAN/CSA-C22.2 n° 248.14-00 (C2005)

Fusibles basse tension — Partie 14 : Fusibles d'appoint

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1, 4, 5.5, 6.1, 8.2.1.1, 8.2.4 et 8.4.4. L'article 7.2 a été ajouté. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

CAN/CSA-C22.2 n° 248.15-00 (C2005)

Fusibles basse tension — Partie 15 : Fusibles de classe T

Des modifications ont été apportées à la page titre, à la table des matières, à la préface et aux articles 1, 1.1, 4, 8.2.4, ainsi que au tableau B et à la figure B. L'avant-propos (ANCE) et l'avant-propos (UL) ont été abrogés.

Reaffirmed Standards

CAN/CSA-C22.2 No. 48-M90 (R2005)

Nonmetallic Sheathed Cable

C22.2 No. 52-96 (R2005)

Underground Service-Entrance Cables

C22.2 No. 57-M1985 (R2005)

Appliance Plugs for Heater Cord Sets

CAN/CSA-C22.2 No. 114-M90 (R2005)

Diagnostic Imaging and Radiation Therapy Equipment

CAN/CSA-C22.2 No. 248.1-00 (R2005)

Low-Voltage Fuses — Part 1: General Requirements

CAN/CSA-C22.2 No. 248.2-00 (R2005)

Low-Voltage Fuses — Part 2: Class C Fuses

CAN/CSA-C22.2 No. 248.3-00 (R2005)

Low-Voltage Fuses — Part 3: Class CA and CB Fuses

CAN/CSA-C22.2 No. 248.4-00 (R2005)

Low-Voltage Fuses — Part 4: Class CC Fuses

CAN/CSA-C22.2 No. 248.5-00 (R2005)

Low-Voltage Fuses — Part 5: Class G Fuses

CAN/CSA-C22.2 No. 248.6-00 (R2005)

Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses

CAN/CSA-C22.2 No. 248.7-00 (R2005)

Low-Voltage Fuses — Part 7: Class H Renewable Fuses



Reaffirmed Standards (cont'd)

CAN/CSA-C22.2 No. 248.8-00 (R2005)

Low-Voltage Fuses — Part 8: Class J Fuses

CAN/CSA-C22.2 No. 248.9-00 (R2005)

Low-Voltage Fuses — Part 9: Class K Fuses

CAN/CSA-C22.2 No. 248.10-00 (R2005)

Low-Voltage Fuses — Part 10: Class L Fuses

CAN/CSA-C22.2 No. 248.11-00 (R2005)

Low-Voltage Fuses — Part 11: Plug Fuses

CAN/CSA-C22.2 No. 248.12-00 (R2005)

Low-Voltage Fuses — Part 12: Class R Fuses

CAN/CSA-C22.2 No. 248.13-00 (R2005)

Low-Voltage Fuses — Part 13: Semiconductor Fuses

CAN/CSA-C22.2 No. 248.14-00 (R2005)

Low-Voltage Fuses — Part 14: Supplemental Fuses

CAN/CSA-C22.2 No. 248.15-00 (R2005)

Low-Voltage Fuses — Part 15: Class T Fuses

CAN/CSA-C22.2 No. 248.16-00 (R2005)

Low-Voltage Fuses — Part 16: Test Limiters

CSA has reaffirmed its endorsement of the following IEC standards:

- **IEC 60093 (1980)**
Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials
- **IEC 60212 (1971)**
Standard conditions for use prior to and during the testing of solid electrical insulating materials
- **IEC 60167 (1964)**
Methods of test for the determination of the insulation resistance of solid insulating materials
- **IEC 60216-4-1 (1990)**
Guide for the determination of thermal endurance properties of electrical insulating materials, Part 4: Aging ovens. Section 1: Single-chamber ovens
- **IEC 60243-1-1998**
Electric strength of insulating materials — Test methods — Part 1: Tests at power frequencies



Reaffirmed Standards (cont'd)

- **IEC 60243-2 (2001)**
Electric strength of insulating materials — Test methods — Part 2: Additional requirements for tests using direct voltage
- **IEC 60250 (1969)**
Recommended methods for the determination of the permittivity and dielectric dissipation factor of electrical insulating materials at power, audio and radio frequencies including metre wavelengths
- **IEC 60345 (1971)**
Method of test for electrical resistance and resistivity of insulating materials at elevated temperatures
- **IEC 60371-3-1 (1984)**
Specification for insulating materials based on mica — Part 3: Specifications for individual materials. Sheet 1: Commutator separators and materials
- **IEC 60371-3-3 (1983)**
Specification for insulating materials based on mica — Part 3: Specifications for individual materials. Sheet 3: Specification for rigid mica materials for heating equipment
- **IEC 60377-1 (1973)**
Methods for the determination of the dielectric properties of insulating materials at frequencies above 300 MHz — Part 1: General
- **IEC 60377-2 (1977)**
Recommended methods for the determination of dielectric properties of insulating materials at frequencies above 300 MHz — Part 2: Resonance methods
- **IEC 60394-1 (1972)**
Varnished fabrics for electrical purposes — Part 1: Definitions and general requirements
- **IEC 60394-2 (1972)**
Varnished fabrics for electrical purposes — Part 2: Methods of test
- **IEC 60394-3-1 (1976)**
Varnished fabrics for electrical purposes — Part 3: Specifications for individual materials. Sheet 1: Oleoresinous varnish-cotton base, OR/C
- **IEC 60394-3-2 (1988)**
Varnished fabrics for electrical purposes — Part 3: Specifications for individual materials. Sheet 2: Glass-fabric based varnished fabrics with epoxy, polyurethane, silicone, polyester, bituminous or oleoresinous varnish
- **IEC 60426 (1973)**
Test methods for determining electrolytic corrosion with insulating materials
- **IEC 60454-3-2 (1998)**
Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 2: Polyester film tapes with rubber thermosetting or acrylic crosslinked adhesives



Reaffirmed Standards (cont'd)

- **IEC 60454-3-3 (1998)**
Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 3: Polyester film tapes with rubber thermoplastic adhesive
- **IEC 60454-3-4 (1998)**
Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 4: Cellulosic paper, creped, with rubber thermosetting adhesive
- **IEC 60454-3-5 (1998)**
Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 5: Cellulosic paper, non-creped, with rubber thermosetting adhesive
- **IEC 60454-3-6 (1998)**
Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 6: Polycarbonate film tapes with acrylic thermoplastic adhesive
- **IEC 60454-3-7 (1998)**
Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 7: Polyimide film tapes with pressure-sensitive adhesive
- **IEC 60454-3-8 (1998)**
Pressure-sensitive adhesive tapes for electrical purposes — Part 3: Specifications for individual materials — Sheet 8: Glass fabric with pressure-sensitive adhesive
- **IEC 60455-1 (1998)**
Resin based reactive compounds used for electrical insulation — Part 1: Definitions and general requirements
- **IEC 60455-2 (1998)**
Resin based reactive compounds used for electrical insulation — Part 2: Methods of test
- **IEC 60455-2-2 (1984)**
Specification for solventless polymerisable resinous compounds used for electrical insulation — Part 2: Methods of test — Sheet 2: Test methods for coating powders for electrical purposes
- **IEC 60455-3-11 (1988)**
Specification for solventless polymerisable resinous compounds used for electrical insulation — Part 3: Specification for individual materials — Sheet 11: Epoxy resin-based coating powders
- **IEC 60464-1 (1998)**
Varnishes used for electrical insulation — Part 1: Definitions and general requirements
- **IEC 60493-1 (1974)**
Guide for the statistical analysis of ageing test data — Part 1: Methods based on mean values of normally distributed test results
- **IEC 60554-1 (1977)**
Specification for cellulosic papers for electrical purposes — Part 1: Definitions and general requirements
- **IEC 60554-3-1 (1979)**
Specification for cellulosic papers for electrical purposes — Part 3: Specifications for individual materials — Sheet 1: General purpose electrical paper



Reaffirmed Standards (cont'd)

- **IEC 60554-3-2 (1983)**
Specification for cellulosic papers for electrical purposes — Part 3: Specifications for individual materials — Sheet 2: Capacitor paper
- **IEC 60554-3-3 (1980)**
Specification for cellulosic papers for electrical purposes — Part 3: Specifications for individual materials — Sheet 3: Crepe paper
- **IEC 60554-3-4 (1979)**
Specification for cellulosic papers for electrical purposes — Part 3: Specifications for individual materials — Sheet 4: Electrolytic capacitor paper
- **IEC 60554-3-5 (1984)**
Specification for cellulosic papers for electrical purposes — Part 3: Specifications for individual materials — Sheet 5: Special papers
- **IEC 60587 (1984)**
Test methods for evaluating resistance to tracking and erosion of electrical insulating materials used under severe ambient conditions
- **IEC 60589 (1977)**
Methods of test for the determination of ionic impurities in electrical insulating materials by extraction with liquids
- **IEC 60641-1 (1979)**
Specification for pressboard and presspaper for electrical purposes — Part 1: Definitions and general requirements
- **IEC 60648 (1979)**
Method of test for coefficients of friction of plastic film and sheeting for use as electrical insulation
- **IEC 60667-1 (1980)**
Specification for vulcanized fibre for electrical purposes — Part 1: Definitions and general requirements
- **IEC 60667-2 (1982)**
Specification for vulcanized fibre for electrical purposes — Part 2: Methods of test
- **IEC 60667-3-1 (1986)**
Specification for vulcanized fibre for electrical purposes — Part 3: Specifications for individual materials — Sheet 1: Flat sheets
- **IEC 60672-2 (1999)**
Ceramic and glass insulating materials — Part 2: Methods of test
- **IEC 60672-3 (1997)**
Ceramic and glass insulating materials — Part 3: Specifications for individual materials
- **IEC 60674-1 (1980)**
Specification for plastic films for electrical purposes — Part 1: Definitions and general requirements



Reaffirmed Standards (cont'd)

- **IEC 60674-2 (1988)**
Specification for plastic films for electrical purposes — Part 2: Methods of test
- **IEC 60684-2 (1997)**
Flexible insulating sleeving — Part 2: Methods of test
- **IEC 60684-2, A1 (2003-04)**
Flexible insulating sleeving — Part 2: Methods of test — Amendment 1
- **IEC 60763-1 (1983)**
Specification for laminated pressboard — Part 1: Definitions, classification and general requirements

Withdrawn Standards

CAN/CSA-C22.2 No. 217-M89

Radiant Space Heating Panels, Panel Sets, and Systems

C22.2 No. 6-M1984 (R2000)

Electric Clocks

Formal Interpretations

The following interpretations regarding Clause 1.1 of **CSA standard C22.2 No. 152-M1984, Combustible Gas Detection Instruments**, has been approved by the Technical Committee on Industrial Products.

Question 1: Can CSA standard C22.2 No. 152 be used to test and evaluate combustible gas detection instruments, in which the gas- or vapour-responsive element is an integral part of the complete instrument, for use in Class II hazardous locations?

Answer: No.

Question 2: Can CSA standard C22.2 No. 152 be used to test and evaluate combustible gas detection instruments, in which the device under examination is the gas- or vapour-responsive element of a multi-part instrument, for use in Class II hazardous locations?

Answer: No.



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 November 23, 2005.

Proposed Amendments

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

- **C22.2 No. 38-05**
Thermoset-Insulated Wires and Cables
Revision of Clause 8.18.
- **C22.2 No. 140.2-96 (R2001)**
Hermetic Refrigerant Motor Compressors
Revision of Clause 34.

Proposed Adoptions

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

- **IEC 61347-2-3:2000-am1**
Amendment 1:2004 to IEC 61347-2-3:2000, “Lamp controlgear — Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps”

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
August 4, 2005	Publication of CSA standard C22.2 No. 60529-05, <i>Degrees of Protection Provided by Enclosures (IP Code)</i> (adopted CEI/IEC 60529:1989, including Amendment 1:1999, edition 2.1, with Canadian deviations.	Industrial Control Equipment No. 16
August 31, 2005	Publication of CSA standard C22.2 No. 210-05, <i>Appliance Wiring Material Products</i> . (Supersedes Wire and Cable Nos. 5 and 5A.)	Wire and Cable No. 119

Certification Notices

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

Effective Date	Subject	Title
September 30, 2005	Publication of the second edition of CSA standard C22.2 No. 235, <i>Supplementary Protectors</i> .	Power Distribution Equipment No. 1
November 1, 2005	Publication of the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> .	Motors and Generators No. 4
November 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> .	Wiring Devices No. 25
January 16, 2006	Publication of the second edition of CSA standard C22.2 No. 188-04, <i>Splicing Wire Connectors</i> .	Wiring Devices No. 36
February 15, 2006	Publication of CSA standard C22.2 No. 236-05, <i>Heating and Cooling Equipment</i> .	Heating and Cooling Equipment No. 5
March 26, 2006	Publication of the ninth edition of UL 197, <i>Commercial Electric Cooking Appliances</i> , with a new effective date. (Supersedes Appliances No. 6, dated November 30, 2004.)	Appliances No. 6A
March 31, 2006	Publication of Update No. 2 to CSA standard C22.2 No. 214-02, <i>Communications Cables</i> .	Wire and Cable No. 117
April 7, 2006	Extension of the effective date specified in Wire and Cable No. 105.	Wire and Cable No. 105A
May 24, 2006	Publication of amendments to CSA standard C22.2 No. 112-97/UL 2158, <i>Electric Clothes Dryers</i> , with a new effective date. (Supersedes Appliances No. 3, dated June 4, 2004.)	Appliances No. 3A
► June 1, 2006	Publication of amendments to UL standard 1059, <i>Terminal Blocks</i> . Major changes include the method of conducting temperature tests.	Wiring Devices No. 40
June 2, 2006	Publication of Technical Information Letter No. H-18, covering interim certification requirements for burner controls incorporating programmable logic. These requirements supplement those of C22.2 No. 199 and C22.2 No. 0.8.	Signal Sensing and Controls No. 3
► August 1, 2006	Publication of CSA standard C22.2 No. 227.3-05, <i>Nonmetallic Mechanical Protection Tubing (NMPT)</i> (bi-national standard with UL 1696).	Conduit No. 16

**Certification Notices (cont'd)**

Effective Date	Subject	Title
▶ October 31, 2006	Publication of CSA standard C22.2 No. 42.1-00, <i>Cover Plates for Flush-Mounted Wiring Devices</i> (Bi-national standard with UL 514D).	Wiring Devices No. 39
▶ November 1, 2006	Announcing a new effective date for the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> . (Supersedes Motors and Generators No. 4.)	Motors and Generators No. 5
December 16, 2006	Publication of amendments to CSA standard C22.2 No. 169-97/UL 2157, <i>Electric Clothes Washing Machines and Extractors</i> , with a new effective date. (Supersedes Appliances No. 4, dated January 31, 2005.)	Appliances No. 4A
▶ March 30, 2007	Publication of Technical Information Letter No. A-32, proving interim certification requirements for outdoor portable multiple-receptacle extension boxes.	Wiring Devices No. 41
▶ June 1, 2007	Publication of amendments to CSA standard CAN/CSA-C22.2 No. 60745-1-04, <i>Hand-held motor-operated electric tools — Safety — Part 1: General requirements</i> (bi-national standard, with UL 60745-1), and four new CAN/CSA-60745 Part 2-05 standards, covering concrete vibrators, strapping tools, band saws, and drain cleaners.	Electrical Tools No. 16
▶ August 31, 2007	Publication of CSA standard C22.2 No. 38-05, <i>Thermosetting Insulated Wires and Cables</i> and Technical Information Letter No. J-35, covering additional certification requirements (Heat Deformation Test).	Wire and Cable No. 118
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
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

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact José Luis Hernandez at 416-747-2519 or joseluis.hernandez@csa.ca:

- **C390, 4th edition**
Energy Efficiency Test Methods for Three-Phase Induction Motors
 - **C747, 2nd edition**
Energy Efficiency for Single- and Three-Phase Small Motors
 - **C861, 2nd edition**
Performance of Compact Fluorescent Lamps and Ballasted Adapters
 - **C867, 1st edition**
Performance of Residential Lighting
-

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Ted Shin at 416-747-2642 or ted.shin@csa.ca:

- **N287.7-96**
In-Service Examination and Testing Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants
-

Proposed Withdrawal of Standards

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

- **Z343-98 (R2002)**
Test Methods for In-Line and Firebox Flame Arresters



Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
► December 1, 2006	Publication of CSA standard B140.7-05, <i>Oil-Burning Equipment: Steam and Hot-Water Boilers</i> . (Supersedes the previous editions of CSA B140.7.1-1976, <i>Oil-Fired Steam and Hot-Water Boilers for Residential Use</i> , and CSA B140.7.2-1976, <i>Oil-Fired Steam and Hot Water Boilers for Commercial Use</i> .)	Fuel Burning Equipment No. 86
► December 1, 2006	Publication of CSA standard B140.12-03, <i>Oil-Burning Equipment: Service Water Heaters for Domestic Hot Water, Space Heating, and Swimming Pools</i> .	Fuel Burning Equipment No. 87



Completed Projects / Projets terminés

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

PLUS 14000:2005, 2^e édition

Guide ISO 14000 — Lignes directrices sur l'application des normes ISO 14000..... 80 \$

Le présent guide a pour objectif d'offrir aux gestionnaires des systèmes de management environnemental des renseignements sommaires et conviviaux permettant de mieux comprendre et appliquer les exigences de la norme ISO 14001:2004, *Systèmes de management environnemental — Exigences et lignes directrices pour son utilisation.*



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Gas Technician Training 3 — Module 1, 3rd edition

Safety \$40

Safety on the job is one of the most important factors to consider when doing any task, whether climbing a ladder or installing an appliance. This module covers safety from various perspectives: personal safety rules and protective gear, government acts and regulations, information on the Workplace Hazardous Materials Information System, and fire safety practices.

Gas Technician Training 3 — Module 2, 3rd edition

Fasteners, Tools, and Testing Instruments \$40

Proper installation of gas piping requires a variety of fasteners, supports, devices, and tools to complete the job. Each installation has its own requirements and the technician must choose among a huge selection. This module provides an overview of the more common types of fasteners and supports used in the gas industry, as well as the basic tools.

Gas Technician Training 3 — Module 3, 3rd edition

Properties, Characteristics, and Safe Handling of Fuel Gases \$40

This module is designed to provide the gas technician with a thorough knowledge and understanding of the physical properties and combustive elements of the most common fuel gases, thus enabling the gas technician to practise safe gas-handling procedures at all times.

Gas Technician Training 3 — Module 6, 3rd edition

Technical Manuals, Specifications, Drawings, and Graphs \$40

Before undertaking a gas or propane installation, the gas technician must make decisions on a host of issues. This module covers using reference manuals, and interpreting technical manuals and manufacturer’s specifications, mechanical drawings and specifications, and graphs and charts.

Gas Technician Training 3 — Module 8, 3rd edition

Introduction to Piping and Tubing Systems \$40

Various types of piping and tubing systems are used for gas. A thorough knowledge of these systems, as well as the associated valves and fittings, is necessary in order to properly plan for and install a piping or tubing system. This module provides guidance on how to select and use the different types of piping, tubing, valves, and connectors used to construct gas distribution systems.



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

Gas Technician Training 3 — Module 9, 3rd edition

Introduction to Gas Appliances \$40

Installing and reactivating gas appliances requires a thorough knowledge of venting systems, types of burners, ignition systems, controls and safeties, and the characteristics of individual vented and non-vented appliances. This module covers the details necessary for a gas technician to safely and efficiently install appliances. It also covers the requirements for converting appliances between propane and natural gas.

Reaffirmed Standards

CSA 3.8-99 (R2005)

Gas-Fired Equipment for Drying Farm Crops

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
August 2, 2005	Publication of ANSI Z21.35-2005/CSA 6.8-2005, <i>Pilot Gas Filters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.35-1995/CGA 6.8-M95, ANSI Z21.35a-1997/CGA 6.8a-M97 and ANSI Z21.35b-2000/CGA 6.8b-2000.	Gas Products No. 78
August 2, 2005	Publication of ANSI Z21.77-2005/CSA 6.23-2005, <i>Manually Operated Piezo-Electric Spark Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.77-1995/CGA 6.23-M95, Z21.77a-1997/CGA 6.23a-M97 and Z21.77b-2004/CGA 6.23b-2004.	Gas Products No. 79
August 2, 2005	Publication of ANSI Z21.78-2005/CSA 6.20-2005, <i>Combination Gas Controls for Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.78-2000/CSA 6.20-2000, Z21.78a-2001/CSA 6.20a-2001 and Z21.78b-2004/CSA 6.20b-2004.	Gas Products No. 80



Certification Notices

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

Effective Date	Subject	Title
October 1, 2005	Publication of addenda ANSI Z83.11a-2004/CSA 1.8a-2004, <i>Gas Food Service Equipment</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.11-2002/CSA 1.8-2002.	Gas Products No. 37
October 1, 2005	Publication of addenda ANSI Z21.77b-2004/CGA 6.23b-2004, <i>Manually Operated Piezo-Electric Spark Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.77-1995/CGA 6.23-M95 and Z21.77a-1997/CGA 6.23a-M97.	Gas Products No. 46
December 1, 2005	Publication of ANSI Z21.89-2004/CSA 1.18-2004, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.89-2002/CSA 1.18-2002, ANSI Z21.89a-2003/CSA 1.18a-2003, and ANSI Z21.89b-2004/CSA 1.18b-2004.	Gas Products No. 57
December 1, 2005	Publication of addenda ANSI Z83.4a-2004/CSA 3.7a-2004, <i>Non-Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.4-2003/CSA 3.7-2003.	Gas Products No. 58
January 2, 2006	Publication of addenda ANSI Z21.10.1a-2002/CSA 4.1a-2002 and ANSI Z21.10.1b-2004/CSA 4.1b-2004, <i>Gas Water Heaters, Volume I, Storage Water Heaters with Input Ratings of 75,000 BTU per hour or Less</i> . (Supersedes Gas Products No. 7.)	Gas Products No. 48
March 1, 2006	Publication of addenda ANSI Z21.11.2b-2004, <i>Gas-Fired Room Heaters — Volume II, Unvented Room Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.11.2-2002 and ANSI Z21.11.2a-2003.	Gas Products No. 47
March 1, 2006	Publication of addenda ANSI Z21.84b-2004, <i>Manually Lighted, Natural Gas Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.84-2002 and ANSI Z21.84a-2003.	Gas Products No. 43A

**Certification Notices (cont'd)**

Effective Date	Subject	Title
March 1, 2006	Publication of addenda ANSI Z21.47a-2004/CSA 2.3a-2004, <i>Gas-Fired Central Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.47-2003/CSA 2.3-2003.	Gas Products No. 62
June 1, 2006	Publication of ANSI Z83.18-2004, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z83.18-2000, ANSI Z83.18a-2001, and ANSI Z83.18b-2003.	Gas Products No. 59
June 1, 2006	Publication of ANSI Z21.13-2004/CSA 4.9-2004, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000, ANSI Z21.13a-2002/CSA 4.9a-2002, and ANSI Z21.13b-2003/CSA 4.9b-2003.	Gas Products No. 45
August 1, 2006	Publication of addenda ANSI Z21.13a-2005/CSA 4.9a-2005, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.13-2004/CSA 4.9-2004.	Gas Products No. 75
August 1, 2006	Publication of ANSI Z21.1-2005, <i>Household Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.1-2000, ANSI Z21.1a-2003, and ANSI Z21.1b-2003.	Gas Products No. 67
August 1, 2006	Publication of ANSI Z21.20-2005, <i>Automatic Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.20-2000, Z21.20a-2000 and Z21.20b-2001.	Gas Products No. 69
August 1, 2006	Publication of ANSI Z21.58-2005/CSA 1.6-2005, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.58-1995/CGA 1.6-M95, ANSI Z21.58a-1998/CGA 1.6a-1998, and ANSI Z21.58b-2002/CSA 1.6b-2002.	Gas Products No. 68



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Z275.1-05, 4th edition

Hyperbaric Facilities..... \$55

This standard applies to hyperbaric chambers whose primary function is to subject humans to pressure environments exceeding 1 atmosphere absolute, such as those required in diving operations, work under compressed-air conditions, medical treatment, training, and research.

This standard establishes minimum requirements for the operation, use, design, construction, maintenance, and testing of all hyperbaric chambers.

Z275.5-05, 1st edition

Occupational Diver Training..... \$95

This standard applies to occupational diver trainees, training organizations, instructors, and facilities. It describes the requirements for trainee assessment, instructor qualifications, and minimum equipment for each level of training. This standard also provides guidance on auditing diver training facilities and programs. The standard's purpose is to ensure that the competency levels specified in CAN/CSA-Z275.4 can be achieved within programs offered by accredited training facilities and that divers who successfully complete those programs can be considered competent at the level trained, in accordance with CAN/CSA-Z275.4.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

Z62.3-04, 3^e édition

Recul des scies à chaîne 75 \$

Cette norme prescrit les limites de recul pour les scies à chaîne à essence, à cylindrée de 80 cm³ (4,88 po³) et moins, et de catégories 1A, 1B et 1C, ainsi que pour les scies à chaîne électriques de catégories 2A et 2C décrites dans la norme CAN/CSA-Z62.1.

Modifications publiées en français

CAN/CSA-Z900.2.2-03

Tissus destinés à la transplantation

Des modifications ont été apportées à l'article 14.3.2.1.1.



Reaffirmed Standards

CAN/CSA-B619-00 (R2005)

Carrier Safety Management Systems

Withdrawn Standards

Z441-1988

Terminology and Definitions Used in CSA Health Care Technology Standards

Under Development

Notice of Intent

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

- **ISO/TS 17117, 1st edition**
Health informatics — Controlled health terminology — Structure and high-level indicators
- **ISO/TR 17119, 1st edition**
Health informatics — Health informatics profiling framework
- **ISO/TS 17120, 1st edition**
Health informatics — Country identifier standards
- **ISO 17432, 1st edition**
Health informatics — Messages and communication — Web access to DICOM persistent objects
- **ISO/TR 18307, 1st edition**
Health informatics — Interoperability and compatibility in messaging and communication standards — Key characteristics
- **ISO/TR 21089, 1st edition**
Health informatics — Trusted end-to-end information flows
- **ISO/TS 21667, 1st edition**
Health informatics — Health indicators conceptual framework
- **ISO/TR 21730, 1st edition**
Health informatics — Use of mobile wireless communication and computing technology in healthcare facilities — Recommendations for the management of unintentional electromagnetic interference with medical devices
- **ISO 22857, 1st edition**
Health informatics — Guidelines on data protection to facilitate trans-border flows of personal health information

Notice of Intent (cont'd)

For more information about the proposed development of the following new projects, contact George Schidowka at 416-747-2743 or george.schidowka@csa.ca:

- **Z317.2, 3rd edition**
Special Requirements for HVAC in Health Care Facilities
- **Z317.10, 2nd edition**
Handling of Waste in HCF

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
September 30, 2005	Publication of Technical Information Letter No. D-14C1, covering interim certification requirements for controllers for use in lifts for persons with physical disabilities. (Supersedes Technical Information Letter No. D-14B.)	Elevator Equipment No. 9
April 1, 2006	Publication of CSA standard B44.1-04/ ASME A17.5-2004, <i>Elevator and Escalator Electrical Equipment</i> .	Elevator Equipment No. 15



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



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