



**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](http://www.csa.ca) and  
find out just how convenient  
and efficient it is to access  
all the latest information.*

## About this publication

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*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

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## What you'll find

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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](http://www.csa.ca). Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

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

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

#### ▼ **Amendments**

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

#### ▼ **Modifications publiées en français**

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

#### ▼ **Adopted Standards**

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

#### ▼ **Endorsed Standards**

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

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail [gic@ihscanada.ca](mailto: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.



### Communications/Information

[CAN/CSA-ISO/IEC 14776-331:04, 1st edition](#)

*Information Technology–Small Computer System Interface (SCSI)–Part 331:  
Stream Commands (SSC) (Adopted ISO/IEC 14776-331:2002)*

[CAN/CSA-ISO/IEC TR 15947:04, 1st edition](#)

*Information Technology–Security Techniques–IT Intrusion Detection Framework  
(Adopted ISO/IEC 15947:2002)*



### Construction Products and Materials

[A3000-03, 2nd edition](#)

*Cementitious Materials Compendium*



### Produits et matériaux de construction

[A3000-03, 2<sup>e</sup> édition](#)

*Compendium des matériaux liants*

[W47.1-03, 6<sup>e</sup> édition](#)

*Certification des compagnies de soudage par fusion de l'acier*



### Electrical / Electronics

[C22.2 No. 4-04, 7th edition](#)

*Enclosed and Dead-Front Switches (Tri-national standard with NMX-J-162-ANCE-2004,  
second edition and UL 98, thirteenth edition)*

[C22.2 No. 18.1-04, 1st edition](#)

*Metallic Outlet Boxes (Tri-national standard with NMX-J-023/1-ANCE, first edition  
and UL 514A, tenth edition)*

[C22.2 No. 18.3-04, 1st edition](#)

*Conduit, Tubing and Cable Fittings (Tri-national standard with NMX-J-017-ANCE,  
first edition and UL 514B, fifth edition)*

[C22.2 No. 18.4-04, 1st edition](#)

*Hardware for the Support of Conduit, Tubing, and Cable  
(Bi-national standard with UL 2239, first edition)*

[C22.2 No. 227.2.1-04, 1st edition](#)

*Liquid-Tight Flexible Nonmetallic Conduit  
(Bi-national standard with UL 1660, fourth edition)*

## Electrical / Electronics (cont'd)

### [C22.10-04, 19th edition](#)

*Québec Construction Code—Chapter V, Electricity—Canadian Electrical Code, Part I (Nineteenth Edition) with Québec Amendments*

### [CAN/CSA-CEI/IEC CISPR 11:04, 1st edition \(bilingual\)](#)

*Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment—Electromagnetic Disturbance Characteristics—Limits and Methods of Measurement (Adopted CEI/IEC CISPR 11:2003, fourth edition, without modification)*



## Électricité et électronique

### [C22.10-04, 19<sup>e</sup> édition](#)

*Code de Construction du Québec—Chapitre V, Électricité—Code canadien de l'électricité, Première partie (Dix-neuvième édition) et modifications du Québec*

### [CAN/CSA-CEI/IEC CISPR 11:04, 1<sup>re</sup> édition](#)

*Appareils industriels, scientifiques et médicaux (ISM) à fréquence radioélectrique—Caractéristiques de perturbations électromagnétiques—Limites et méthodes de mesure (norme CEI/IEC CISPR 1:2003, quatrième édition, adoptée sans modifications)*



## Energy

### [C744-04, 2nd edition](#)

*Standard for Packaged Terminal Air-Conditioners and Heat Pumps (Bi-national with AoRI 310/380-2004)*



## Environment

### [CAN/CSA-ISO/TR 14047:04, 1st edition](#)

*Environmental Management—Life Cycle Impact Assessment—Examples of Application of ISO 14042 (Adopted ISO/TR 14047:2003, first edition, without modification)*



## Environnement

### [Z752-03, 1<sup>re</sup> édition](#)

*Définition des déchets ménagers dangereux*

### [Z773-03, 1<sup>re</sup> édition](#)

*Audit de conformité environnementale*





## Gas

[ANSI Z21.41-2003/CSA 6.9-2003, 2nd edition](#)

*Quick Disconnect Devices for Use with Gas Fuel Appliances*

[ANSI Z21.86-2004/CSA 2.32-2004, 4th edition](#)

*Vented Gas-Fired Space Heating Appliances*

[CSA 12.6-04, 2nd edition](#)

*Vehicle Refuelling Appliances*



## Life Sciences

[CAN/CSA-ISO 13485:03, 2nd edition](#)

*Medical Devices—Quality Management Systems—Requirements for Regulatory Purposes*  
(Adopted ISO 13485:2003, second edition, without modification)

[CAN/CSA-M730-1-04, 1st edition](#)

*Agricultural Wheeled Tractors—Rear-Mounted Three-Point Linkage—Part 1:  
Categories 1, 2, 3 and 4 (Adopted ISO 730-1:1994, third edition, including  
Technical Corrigendum 1:1995, with Canadian deviations)*



## Sciences de la Vie

[B621-03, 3<sup>e</sup> édition](#)

*Sélection et utilisation des citernes routières, des citernes amovibles, des citernes  
compartimentées et des conteneurs pour le transport des marchandises dangereuses  
des classes 3, 4, 5, 6.1, 8 et 9*

[CAN/CSA-ISO 13485:03, 2<sup>e</sup> édition](#)

*Dispositifs médicaux—Systèmes de management de la qualité—Exigences à des fins réglementaires*  
(norme ISO 13485:2003, deuxième édition, adoptée sans modification)

[CAN/CSA-M730-1-04, 1<sup>re</sup> édition](#)

*Tracteurs agricoles à roues—Attelage trois points monté à l'arrière—Partie 1:  
Catégories 1, 2, 3 et 4 (norme ISO 730-1:1995, troisième édition, y compris le  
rectificatif technique 1:1995, a été adoptée, avec exigences propres au Canada)*



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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

#### **CAN/CSA-ISO/IEC 14776-331:04, 1st edition**

*Information Technology–Small Computer System Interface (SCSI)–Part 331: Stream Commands (SSC)* (Adopted ISO/IEC 14776-331:2002) ..... \$180

#### **CAN/CSA-ISO/IEC TR 15947:04, 1st edition**

*Information Technology–Security Techniques–IT Intrusion Detection Framework* (Adopted ISO/IEC 15947:2002) ..... \$95

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### Reaffirmed Standards

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#### **CAN/CSA-ISO-4903-95 (R2004)**

*Information Technology–Data Communication–15 Pole DTE /DCE Interface Connector and Contact Number Assignments* (Adopted ISO 4903:1989)

#### **CAN/CSA-ISO/IEC-7185-95 (R2004)**

*Information Technology–Programming Languages–Pascal* (Adopted ISO 7185:1990)

#### **CAN/CSA-ISO/IEC-7480-95 (R2004)**

*Information Technology–Telecommunications and Information Exchange Between Systems–Start-Stop Transmission Signal Quality at DTE/DCE Interfaces* (Adopted ISO/IEC 7480:1991)

#### **CAN/CSA-ISO/IEC-7498-1-95 (R2004)**

*Information Technology–Open Systems Interconnection–Basic Reference Model: The Basic Model* (Adopted ISO/IEC 7498-1:1994)

#### **CAN/CSA-ISO/IEC 7498-3-00 (R2004)**

*Information Technology–Open Systems Interconnection–Basic Reference Model: Naming and Addressing* (Adopted ISO/IEC 7498-3:1997)

#### **CAN/CSA-ISO/IEC-8613-7-95 (R2004)**

*Information Technology–Open Document Architecture (ODA) and Interchange Format–Part 7: Raster Graphics Content Architectures* (Adopted ISO/IEC 8613-7:1994)

#### **CAN/CSA-ISO/IEC-8613-8-95 (R2004)**

*Information Technology–Open Document Architecture (ODA) and Interchange Format–Part 8: Geometric Graphics Content Architectures* (Adopted ISO/IEC 8613-8:1994)



## **Reaffirmed Standards (cont'd)**

### **CAN/CSA-ISO/IEC 8878-95 (R2004)**

*Information Technology–Telecommunications and Information Exchange Between Systems–Use of X.25 to Provide the OSI Connection-Mode Network Service*  
(Adopted ISO/IEC 8878:1992)

### **CAN/CSA-ISO-9160-94 (R2004)**

*Information Processing–Data Encipherment–Physical Layer Interoperability Requirements*  
(Adopted ISO 9160:1988)

### **CAN/CSA-ISO/IEC-9545-95 (R2004)**

*Information Technology–Open Systems Interconnection–Application Layer Structure*  
(Adopted ISO/IEC 9545:1994)

### **CAN/CSA-ISO/IEC-9646-1-95 (R2004)**

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

### **CAN/CSA-ISO/IEC-9646-2-95 (R2004)**

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

### **CAN/CSA-ISO/IEC-9646-4-95 (R2004)**

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

### **CAN/CSA-ISO/IEC-9646-5-95 (R2004)**

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

### **CAN/CSA-ISO/IEC-10027-95 (R2004)**

*Information Technology–Information Resource Dictionary System (IRDS) Framework*  
(Adopted ISO/IEC 10027:1990)

### **CAN/CSA-ISO/IEC 10164-1a-95 (R2004)**

*Amendment 1:1999, “Implementation Conformance Statement Proformas”, to CAN/CSA-ISO/IEC 10164-1-95, “Information Technology–Open Systems Interconnection–Systems Management: Object Management Function”*  
(Adopted Amendment 1:1996 to ISO/IEC 10164-1:1993)

### **CAN/CSA-ISO/IEC 10164-2a-95 (R2004)**

*Amendment 1:1999, “Implementation Conformance Statement Proformas”, to CAN/CSA-ISO/IEC 10164-2-95, “Information Technology–Open Systems Interconnection–Systems Management: State Management Function”*  
(Adopted Amendment 1:1996 to ISO/IEC 10164-2:1993)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 10164-3a-95 (R2004)**

*Amendment 1:1999, "Implementation Conformance Statement Proformas", to CAN/CSA-ISO/IEC 10164-3-95, "Information Technology–Open Systems Interconnection–Systems Management: Attributes for Representing Relationship"*  
(Adopted Amendment 1:1996 to ISO/IEC 10164-3:1993)

### **CAN/CSA-ISO/IEC 10164-6a-95 (R2004)**

*Amendment 1:1999, "Implementation Conformance Statement Proformas", to CAN/CSA-ISO/IEC 10164-6-95, "Information Technology–Open Systems Interconnection–Systems Management: Log Control Function"*  
(Adopted Amendment 1:1996 to ISO/IEC 10164-6:1993)

### **CAN/CSA-ISO/IEC 10165-5-95 (R2004)**

*Information Technology–Open Systems Interconnection–Structure of Management Information: Generic Management Information* (Adopted ISO/IEC 10165-5:1994)

### **CAN/CSA-ISO/IEC 10181-1-00 (R2004)**

*Information Technology–Open Systems Interconnection–Security Frameworks for Open Systems: Overview* (Adopted ISO/IEC 10181-1:1996)

### **CAN/CSA-ISO/IEC 10181-2-00 (R2004)**

*Information Technology–Open Systems Interconnection–Security Frameworks for Open Systems: Authentication Framework* (Adopted ISO/IEC 10181-2:1996)

### **CAN/CSA-ISO/IEC 10181-3-00 (R2004)**

*Information Technology–Open Systems Interconnection–Security Frameworks for Open Systems: Access Control Framework* (Adopted ISO/IEC 10181-3:1996)

### **CAN/CSA-ISO/IEC 10181-4-00 (R2004)**

*Information Technology–Open Systems Interconnection–Security Frameworks for Open Systems: Non-Repudiation Framework* (Adopted ISO/IEC 10181-4:1997)

### **CAN/CSA-ISO/IEC 10181-5-00 (R2004)**

*Information Technology–Open Systems Interconnection–Security Frameworks for Open Systems: Confidentiality Framework* (Adopted ISO/IEC 10181-5:1996)

### **CAN/CSA-ISO/IEC 10181-6-00 (R2004)**

*Information Technology–Open Systems Interconnection–Security Frameworks for Open Systems: Integrity Framework* (Adopted ISO/IEC 10181-6:1996)

### **CAN/CSA-ISO/IEC 10181-7-00 (R2004)**

*Information Technology–Open Systems Interconnection–Security Frameworks for Open Systems: Security Audit and Alarms Framework* (Adopted ISO/IEC 10181-7:1996)

### **CAN/CSA-ISO/IEC-10206-94 (R2004)**

*Information Technology–Programming Languages–Extended Pascal*  
(Adopted ISO/IEC 10206:1991)



## **Reaffirmed Standards (cont'd)**

### **CAN/CSA-ISO/IEC-10279-94 (R2004)**

*Information Technology–Programming Languages–Full Basic*  
(Adopted ISO/IEC 10279:1991)

### **CAN/CSA-ISO/IEC ISP 10609-33-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 33: Definition of Profile TC4211* (Adopted ISO/IEC ISP 10609-33:1995)

### **CAN/CSA-ISO/IEC ISP 10609-34-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 34: Definition of Profile TC43111* (Adopted ISO/IEC ISP 10609-34:1995)

### **CAN/CSA-ISO/IEC ISP 10609-35-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 35: Definition of Profile TC43112* (Adopted ISO/IEC ISP 10609-35:1995)

### **CAN/CSA-ISO/IEC ISP 10609-36-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 36: Definition of Profile TC43211* (Adopted ISO/IEC ISP 10609-36:1995)

### **CAN/CSA-ISO/IEC ISP 10609-37-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 37: Definition of Profile TC43212* (Adopted ISO/IEC ISP 10609-37:1995)

### **CAN/CSA-ISO/IEC ISP 10609-38-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 38: Definition of Profile TC4331* (Adopted ISO/IEC ISP 10609-38:1995)

### **CAN/CSA-ISO/IEC ISP 10609-41-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 41: Definition of Profile TD1231* (Adopted ISO/IEC ISP 10609-41:1995)

### **CAN/CSA-ISO/IEC ISP 10609-42-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 42: Definition of Profile TD4111* (Adopted ISO/IEC ISP 10609-42:1995)

### **CAN/CSA-ISO/IEC ISP 10609-43-99 (R2004)**

*Information Technology–International Standardized Profiles TB, TC, TD & TE–  
Connection-Mode Transport Service Over Connection-Mode Network Service–  
Part 43: Definition of Profile TD4211* (Adopted ISO/IEC ISP 10609-43:1995)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC ISP 10609-44-99 (R2004)**

*Information Technology—International Standardized Profiles TB, TC, TD & TE—Connection-Mode Transport Service Over Connection-Mode Network Service—Part 44: Definition of Profile TD43111 (Adopted ISO/IEC ISP 10609-44:1995)*

### **CAN/CSA-ISO/IEC ISP 10609-45-99 (R2004)**

*Information Technology—International Standardized Profiles TB, TC, TD & TE—Connection-Mode Transport Service Over Connection-Mode Network Service—Part 45: Definition of Profile TD43112 (Adopted ISO/IEC ISP 10609-45:1995)*

### **CAN/CSA-ISO/IEC ISP 10609-46-99 (R2004)**

*Information Technology—International Standardized Profiles TB, TC, TD & TE—Connection-Mode Transport Service Over Connection-Mode Network Service—Part 46: Definition of Profile TD43211 (Adopted ISO/IEC ISP 10609-46:1995)*

### **CAN/CSA-ISO/IEC ISP 10609-47-99 (R2004)**

*Information Technology—International Standardized Profiles TB, TC, TD & TE—Connection-Mode Transport Service Over Connection-Mode Network Service—Part 47: Definition of Profile TD43212 (Adopted ISO/IEC ISP 10609-47:1995)*

### **CAN/CSA-ISO/IEC ISP 10609-48-99 (R2004)**

*Information Technology—International Standardized Profiles TB, TC, TD & TE—Connection-Mode Transport Service Over Connection-Mode Network Service—Part 48: Definition of Profile TD4331 (Adopted ISO/IEC ISP 10609-48:1995)*

### **CAN/CSA-ISO/IEC ISP 10612-3-99 (R2004)**

*Information Technology—International Standardized Profile RD—Relaying the MAC Service Using Transparent Bridging—Part 3: Token Ring LAN Subnetwork-Dependent, Media-Dependent Requirements (Adopted ISO/IEC ISP 10612-3:1995)*

### **CAN/CSA-ISO/IEC-ISP 10612-5-99 (R2004)**

*Information Technology—International Standardized Profile RD—Relaying the MAC Service Using Transparent Bridging—Part 5: Profile RD51.54 (CSMA/CD LAN—FDDI LAN) (Adopted ISO/IEC ISP 10612-5:1995)*

### **CAN/CSA-ISO/IEC ISP 10612-6-99 (R2004)**

*Information Technology—International Standardized Profile RD—Relaying the MAC Service Using Transparent Bridging—Part 6: Profile RD54.54 (FDDI LAN—FDDI LAN) (Adopted ISO/IEC ISP 10612-6:1995)*

### **CAN/CSA-ISO/IEC ISP 10612-7-99 (R2004)**

*Information Technology—International Standardized Profile RD—Relaying the MAC Service Using Transparent Bridging—Part 7: Profile RD51.53 (CSMA/CD LAN—Token Ring LAN) (Adopted ISO/IEC ISP 10612-7:1995)*

### **CAN/CSA-ISO/IEC ISP 10612-8-99 (R2004)**

*Information Technology—International Standardized Profile RD—Relaying the MAC Service Using Transparent Bridging—Part 8: Profile RD53.53 (Token Ring LAN—Token Ring LAN) (Adopted ISO/IEC ISP 10612-8:1995)*



## **Reaffirmed Standards (cont'd)**

### **CAN/CSA-ISO/IEC ISP 10612-9-99 (R2004)**

*Information Technology—International Standardized Profile RD—Relaying the MAC Service Using Transparent Bridging—Part 9: Profile RD53.54 (Token Ring LAN—FDDILAN)* (Adopted ISO/IEC ISP 10612-9:1995)

### **CAN/CSA-ISO/IEC ISP 10613-4-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 4: FDDI LAN Subnetwork-Dependent, Media-Dependent Requirements* (Adopted ISO/IEC ISP 10613-4:1995)

### **CAN/CSA-ISO/IEC ISP 10613-6-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 6: Definition of Profile RA51.54, Relaying the Connectionless-Mode Network Service Between CSMA/CD LAN Subnetworks and FDDI LAN Subnetworks* (Adopted ISO/IEC ISP 10613-6:1995)

### **CAN/CSA-ISO/IEC ISP 10613-10-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 10: Token Ring LAN Subnetwork-Dependent, Media-Dependent Requirements* (Adopted ISO/IEC ISP 10613-10:1995)

### **CAN/CSA-ISO/IEC ISP 10613-11-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 11: Definition of Profile RA51.53, Relaying the Connectionless-Mode Network Service Between CSMA/CD LAN Subnetworks and Token Ring LAN* (Adopted ISO/IEC ISP 10613-11:1995)

### **CAN/CSA-ISO/IEC ISP 10613-12-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 12: Definition of Profile RA53.53, Relaying Connectionless-Mode Network Service Between Token Ring LAN Subnetworks* (Adopted ISO/IEC ISP 10613-12:1995)

### **CAN/CSA-ISO/IEC ISP 10613-13-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 13: Definition of Profile RA53.54, Relaying the Connectionless-Mode Network Service Between Token Ring LAN Subnetworks and FDDI LAN Subnetworks* (Adopted ISO/IEC ISP 10613-13:1995)

### **CAN/CSA-ISO/IEC ISP 10613-14-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 14: Definition of Profile RA54.54, Relaying the Connectionless-Mode Network Service Between FDDI LAN Subnetworks* (Adopted ISO/IEC ISP 10613-14:1995)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC ISP 10613-15-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 15: Definition of Profile RA53.1111, Relaying the Connectionless Mode Network Service Between Token Ring LAN Subnetworks and PSDNs Using Virtual Calls Over a PSTN Leased Line Permanent Access (Adopted ISO/IEC ISP 10613-15:1995)*

### **CAN/CSA-ISO/IEC ISP 10613-16-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 16: Definition of Profile RA53.1121, Relaying the Connectionless-Mode Network Service Between Token Ring LAN Subnetworks and PSDNs Using Virtual Calls Over a Digital Data Circuit/CSDN Leased Line Permanent Access (Adopted ISO/IEC ISP 10613-16:1995)*

### **CAN/CSA-ISO/IEC ISP 10613-17-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 17: Definition of Profile RA54.1111, Relaying the Connectionless-Mode Network Service Between FDDI LAN Subnetworks and PSDNs Using Virtual Calls Over a PSTN Leased Line Permanent Access (Adopted ISO/IEC ISP 10613-17:1995)*

### **CAN/CSA-ISO/IEC ISP 10613-18-99 (R2004)**

*Information Technology—International Standardized Profile RA—Relaying the Connectionless-Mode Network Service—Part 18: Definition of Profile RA54.1121, Relaying the Connectionless-Mode Network Service Between FDDI LAN Subnetworks and PSDNs Using Virtual Calls Over a Digital Data Circuit/CSDN Leased Line Permanent Access (Adopted ISO/IEC ISP 10613-18:1995)*

### **CAN/CSA-ISO/IEC ISP 10614-1-99 (R2004)**

*Information Technology—International Standardized Profile RC—X.25 Protocol Relaying—Part 1: Subnetwork-Independent Requirements (Adopted ISO/IEC ISP 10614-1:1995)*

### **CAN/CSA-ISO/IEC ISP 10614-2-99 (R2004)**

*Information Technology—International Standardized Profile RC—X.25 Protocol Relaying—Part 2: LAN Subnetwork-Dependent, Media-Independent Requirements (Adopted ISO/IEC ISP 10614-2:1995)*

### **CAN/CSA-ISO/IEC ISP 10614-3-99 (R2004)**

*Information Technology—International Standardized Profile RC—X.25 Protocol Relaying—Part 3: CSMA/CD LAN Subnetwork-Dependent, Media-Dependent Requirements (Adopted ISO/IEC ISP 10614-3:1995)*

### **CAN/CSA-ISO/IEC ISP 10614-4-99 (R2004)**

*Information Technology—International Standardized Profile RC—X.25 Protocol Relaying—Part 4: PSDN Subnetwork-Dependent, Media-Dependent Requirements for Virtual Calls Over a Permanent Access (Adopted ISO/IEC ISP 10614-4:1995)*





## **Reaffirmed Standards (cont'd)**

### **CAN/CSA-ISO/IEC ISP 10614-5-99 (R2004)**

*Information Technology—International Standardized Profile RC–X.25 Protocol Relaying—Part 5: Definition of Profile RC51.1111, X.25 Protocol Relaying Between CSMA/CD LAN Subnetworks and PSDNs Using Virtual Calls Over a PSTN Leased Line Permanent Access* (Adopted ISO/IEC ISP 10614-5:1995)

### **CAN/CSA-ISO/IEC ISP 10614-6-99 (R2004)**

*Information Technology—International Standardized Profile RC–X.25 Protocol Relaying—Part 6: Definition of Profile RC51.1121, X.25 Protocol Relaying Between CSMA/CD LAN Subnetworks and PSDNs Using Virtual Calls Over a Digital Data Circuit/CSDN Leased Line Permanent Access* (Adopted ISO/IEC ISP 10614-6:1995)

### **CAN/CSA-ISO/IEC ISP 10616-99 (R2004)**

*Information Technology—International Standardized Profile FDI11—Directory Data Definitions—Common Directory Use (Normal)* (Adopted ISO/IEC ISP 10616:1995)

### **CAN/CSA-ISO/IEC-10728-95 (R2004)**

*Information Technology—Information Resource Dictionary System (IRDS) Services Interface* (Adopted ISO/IEC 10728:1993)

### **CAN/CSA-ISO/IEC 10728b-99 (2004)**

*Amendment 2:1999, “ADA Language Binding”, to CAN/CSA-ISO/IEC 10728-95, “Information Technology—Information Resource Dictionary System (IRDS) Services Interface”* (Adopted Amendment 2:1996 to ISO/IEC 10728:1993)

### **CAN/CSA-ISO/IEC-10742-94 (R2004)**

*Information Technology—Telecommunications and Information Exchange Between Systems—Elements of Management Information Related To OSI Data Link Layer Standards* (Adopted ISO/IEC 10742:1994)

### **CAN/CSA-ISO/IEC 10742b-94 (R2004)**

*Amendment 2:1999, “Implementation Conformance Statement Proformas”, to CAN/CSA-ISO/IEC 10742-94, “Information Technology—Telecommunications and Information Exchange Between Systems—Elements of Management Information Related To OSI Data Link Layer Standards”* (Adopted Amendment 2:1996 to ISO/IEC 10742:1994)

### **CAN/CSA-ISO/IEC-10747-95 (R2004)**

*Information Technology—Telecommunications and Information Exchange Between Systems—Protocol for Exchange of Inter-Domain Routing Information Among Intermediate Systems to Support Forwarding of ISO 8473 PDUs* (Adopted ISO/IEC 10747:1994)

### **CAN/CSA-ISO/IEC 10747a-95 (R2004)**

*Amendment 1:1999, “Implementation Conformance Statement Proformas”, to CAN/CSA-ISO/IEC 10747-95, “Information Technology—Telecommunications and Information Exchange Between Systems—Protocol for Exchange of Inter-Domain Routing Information Among Intermediate Systems to Support Forwarding of ISO 8473 PDUs”* (Adopted Amendment 1:1996 to ISO/IEC 10747:1994)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 10918-3-00 (R2004)**

*Information Technology–Digital Compression and Coding of Continuous-Tone Still Images: Extensions* (Adopted ISO/IEC 10918-3:1997)

### **CAN/CSA-ISO/IEC 11179-4-00 (R2004)**

*Information Technology–Specification and Standardization of Data Elements–Part 4: Rules and Guidelines for the Formulation of Data Definitions* (Adopted ISO/IEC 11179-4:1995)

### **CAN/CSA-ISO/IEC-11185-1-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 1: FVT211, FVT212–Sequenced and Unsequenced Application Control Objects* (Adopted ISO/IEC ISP 11185-1:1994)

### **CAN/CSA-ISO/IEC-11185-2-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definitions–Part 2: FVT213, FVT214–Sequenced and Unsequenced Application Control Objects* (Adopted ISO/IEC ISP 11185-2:1994)

### **CAN/CSA-ISO/IEC-11185-3-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition–Part 3: FVT215, FVT216–Application RIO Record Loading Control Object, Terminal RIO Record Notification Control Object* (Adopted ISO/IEC ISP 11185-3:1994)

### **CAN/CSA-ISO/IEC-11185-4-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition–Part 4: FVT217–Horizontal Tabulation Control Object* (Adopted ISO/IEC ISP 11185-4:1994)

### **CAN/CSA-ISO/IEC-11185-5-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition–Part 5: FVT218–Logical Image Control Object* (Adopted ISO/IEC ISP 11185-5:1994)

### **CAN/CSA-ISO/IEC-11185-6-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition–Part 6: FVT219–Status Message Control Object* (Adopted ISO/IEC ISP 11185-6:1994)

### **CAN/CSA-ISO/IEC-11185-7-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition–Part 7: FVT2110–Entry-Control Control Object* (Adopted ISO/IEC ISP 11185-7:1994)



## **Reaffirmed Standards (cont'd)**

### **CAN/CSA-ISO/IEC-11185-8-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition-Part 8: FVT221–Forms FEICO (Field Entry Instruction Control Object) (Adopted ISO/IEC ISP 11185-8:1994)*

### **CAN/CSA-ISO/IEC-11185-9-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition-Part 9: FVT222–Paged FEICO (Field Entry Instruction Control Object) (Adopted ISO/IEC ISP 11185-9:1994)*

### **CAN/CSA-ISO/IEC-11185-10-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition-Part 10: FVT231–Forms FEPCO (Field Entry Pilot Control Object) No. 1 (Adopted ISO/IEC ISP 11185-10:1994)*

### **CAN/CSA-ISO/IEC-11185-11-95 (R2004)**

*Information Technology–International Standardized Profiles FVT2nn–Virtual Terminal Basic Class–Register of Control Object Type Definition-Part 11: FVT232–Paged FEPCO (Field Entry Pilot Control Object) No. 1 (Adopted ISO/IEC ISP 11185-11:1994)*

### **CAN/CSA-ISO/IEC-11573-95 (R2004)**

*Information Technology–Telecommunications And Information Exchange Between Systems–Synchronization Methods And Technical Requirements For Private Integrated Services Networks (Adopted ISO/IEC 11573:1994)*

### **CAN/CSA-ISO/IEC 11586-1-00 (R2004)**

*Information Technology–Open Systems Interconnection–Generic Upper Layers Security: Overview, Models and Notation (Adopted ISO/IEC 11586-1:1996)*

### **CAN/CSA-ISO/IEC 11586-2-00 (R2004)**

*Information Technology–Open Systems Interconnection–Generic Upper Layers Security: Security Exchange Service Element (SESE) Service Definition (Adopted ISO/IEC 11586-2:1996)*

### **CAN/CSA-ISO/IEC 11586-3-00 (R2004)**

*Information Technology–Open Systems Interconnection–Generic Upper Layers Security: Security Exchange Service Element (SESE) Protocol Specification (Adopted ISO/IEC 11586-3:1996)*

### **CAN/CSA-ISO/IEC 11586-4-00 (R2004)**

*Information Technology–Open Systems Interconnection–Generic Upper Layers Security: Protecting Transfer Syntax Specification (Adopted ISO/IEC 11586-4:1996)*

### **CAN/CSA-ISO/IEC 11586-5-00 (R2004)**

*Information Technology–Open Systems Interconnection–Generic Upper Layers Security: Security Exchange Service Element (SESE) Protocol Implementation Conformance Statement (PICS) Proforma (Adopted ISO/IEC 11586-5:1997)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 11588-1-00 (R2004)**

*Information Technology—Message Handling Systems (MHS) Management—Part 1: Model and Architecture* (Adopted ISO/IEC 11588-1:1996)

### **CAN/CSA-ISO/IEC ISP 12069-2-00 (R2004)**

*Information Technology—International Standardized Profiles ADFnn—Document Filing and Retrieval (DFR)—Part 2: Specification of Rose, RTSE, ACSE, Presentation and Session Protocols for Use by DFR* (Adopted ISO/IEC ISP 12069-2:1996)

### **CAN/CSA-ISO/IEC 13712-2-00 (R2004)**

*Information Technology—Remote Operations: OSI Realizations—Remote Operations Service Element (ROSE) Service Definition* (Adopted ISO/IEC 13712-2:1995)

### **CAN/CSA-ISO/IEC 13712-2a-00 (R2004)**

*Amendment 1:2000, “Mapping to A-UNIT-DATA and Built-In Operations”, to CAN/CSA-ISO/IEC 13712-2-00, “Information Technology—Remote Operations: OSI Realizations—Remote Operations Service Element (ROSE) Service Definition”* (Adopted Amendment 1:1996 to ISO/IEC 13712-2:1995)

### **CAN/CSA-ISO/IEC 13712-3-00 (R2004)**

*Information Technology—Remote Operations: OSI Realizations—Remote Operations Service Element (ROSE) Protocol Specification* (Adopted ISO 13712-3:1995)

### **CAN/CSA-ISO/IEC 13712-3a-00 (R2004)**

*Amendment 1:2000, “Mapping to A-UNIT-DATA and Built-In Operations”, to CAN/CSA-ISO/IEC 13712-3-00, “Information Technology—Remote Operations: OSI Realizations—Remote Operations Service Element (ROSE) Protocol Specification”* (Adopted Amendment 1:1996 to ISO/IEC 13712-3:1995)

### **CAN/CSA-ISO/IEC 13719-1-00 (R2004)**

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

### **CAN/CSA-ISO/IEC 13719-3-00 (R2004)**

*Information Technology—Portable Common Tool Environment (PCTE)—Part 3: ADA Programming Language Binding* (Adopted ISO/IEC 13719-3:1998)

### **Z243.18-1980 (R2004)**

*Programming Language Fortran* (Adopted ANSI X3.9-1978, with Canadian deviations)

### **Z243.32-M1983 (R2004)**

*Formsets for Use with Embossed Cards and Imprinting Equipment*

### **Z243.41-1980 (R2004)**

*OCR Paper* (Adopted ANSI X3.62-1979, with Canadian deviations)

### **CAN/CSA-Z243.52-88 (R2004)**

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



## **Reaffirmed Standards (cont'd)**

### **CAN/CSA-Z243.58-92 (R2004)**

*Information Technology Vocabulary / Vocabulaire des Technologies de l'information*

### **CAN/CSA-Z243.101-89 (R2004)**

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

### **Z243.110.1-93 (R2004)**

*Canadian OSI Registration Procedures and Guidelines–Part 1: Registration Procedures for Organization Names*

### **Z243.110.2-93 (R2004)**

*Canadian OSI Registration Procedures and Guidelines–Part 2: Guidelines for Network-Service-Access-Point Addresses of the Data Country Code Format*

### **Z243.110.3-93 (R2004)**

*Canadian OSI Registration Procedures and Guidelines–Part 3: Guidelines for Object Identifier Names*

### **Z243.110.4-93 (R2004)**

*Canadian OSI Registration Procedures and Guidelines–Part 4: Guidelines for Directory Names*

### **Z243.110.5-93 (R2004)**

*Canadian OSI Registration Procedures and Guidelines–Part 2: Guidelines for MHS-MOTIS Names*

### **CAN/CSA-Z243.134-M88 (R2004)**

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

### **CAN/CSA-Z243.136.3-90 (R2004)**

*Information Processing Systems–Data Communications–Use of the X.25 Packet Level Protocol in Local Area Networks (Adopted ISO 8881:1989)*

### **CAN/CSA-Z243.180-89 (R2004)**

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

### **CAN/CSA-Z243.180a-89 (R2004)**

*Amendment 1:1999, “Filestore Management”, to CAN/CSA-Z243.180-89, “Information Processing Systems–Open Systems Interconnection–File Transfer, Access and Management–Part 1: General Introduction” (Adopted Amendment 1:1992 to ISO 8571-1:1988)*

### **CAN/CSA-Z243.180b-89 (R2004)**

*Amendment 2:1999, “Overlapped Access”, to CAN/CSA-Z243.180-89, “Information Processing Systems–Open Systems Interconnection–File Transfer, Access and Management–Part 1: General Introduction” (Adopted Amendment 2:1993 to ISO 8571-1:1988)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-Z243.181-89 (R2004)**

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

### **CAN/CSA-Z243.181a-89 (R2004)**

*Amendment 1:1999, “Filestore Management”, to CAN/CSA-Z243.181-89, “Information Processing Systems—Open Systems Interconnection—File Transfer, Access and Management—Part 2: Virtual Filestore Definition”* (Adopted Amendment 1:1992 to ISO 8571-2:1988)

### **CAN/CSA-Z243.181b-89 (R2004)**

*Amendment 2:1999, “Overlapped Access”, to CAN/CSA-Z243.181-89, “Information Processing Systems—Open Systems Interconnection—File Transfer, Access and Management—Part 2: Virtual Filestore Definition”* (Adopted Amendment 2:1993 to ISO 8571-2:1988)

### **CAN/CSA-Z243.182-89 (R2004)**

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

### **CAN/CSA-Z243.210.1-89 (R2004)**

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

### **CAN/CSA-Z243.301-91 (R2004)**

*UN/EDIFACT Message Design Guidelines* (Bi-national with CGSB 200.27-91)

### **CAN/CSA-Z243.310-91 (R2004)**

*UN/EDIFACT Invoice Message* (Bi-national with CGSB 200.26-91)

CSA has reaffirmed its endorsement of the following ISO standards:

- **ISO 962-1974**  
*Information Processing—Implementation of the 7-Bit Coded Character Set and Its 7-Bit and 8-Bit Extensions on 9-Track 12.7 mm (0.5 in.) Magnetic Tape*
- **ISO 1177-1985**  
*Information Processing—Character Structure for Start/Stop and Synchronous Character*
- **ISO 2110:1989**  
*Information Technology—Data Communication—25-Pole DTE/DCE Interface Connector and Contact Number Assignments*



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### A3000-03, 2nd edition

*Cementitious Materials Compendium*..... \$250

This compendium contains the following five standards:

- **A3001-03**, *Cementitious Materials for Use in Concrete*. This standard provides requirements for the following materials:
  - Portland cements
  - blended hydraulic cements
  - supplementary cementing materials
  - blended supplementary cementing materials.
- **A3002-03**, *Masonry and Mortar Cement*. This standard addresses the requirements for masonry and mortar cement for use in masonry mortar.
- **A3003-03**, *Chemical Test Methods for Cementitious Materials for Use in Concrete and Masonry*. This standard provides test methods that address the chemical analysis of hydraulic cement and supplementary cementing materials.
- **A3004-03**, *Physical Test Methods for Cementitious Materials for Use in Concrete and Masonry*. This standard sets out the various physical test methods for hydraulic cements, supplementary cementing materials, and blended supplementary cementing materials. It is divided into test methods and standard practices.
- **A3005-03**, *Test Equipment and Materials for Cementitious Materials for Use in Concrete and Masonry*. This standard describes the materials and equipment used in testing hydraulic cements, supplementary cementing materials, and blended supplementary cementing materials.

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### Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

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#### A3000-03, 2<sup>e</sup> édition

*Compendium des matériaux liants*..... 250 \$

Le compendium se compose des cinq normes suivantes :

- **A3001-03**, *Liants utilisés dans le béton*. La norme CSA A3001 combine dans une seule norme les exigences relatives aux matériaux qui suivent :
  - a) les ciments portlands ;
  - b) les ciments hydrauliques composés ;
  - c) les ajouts cimentaires ; et
  - d) les ajouts cimentaires composés.
- **A3002-03**, *Ciments à maçonner et à mortier*. Cette norme énonce les exigences auxquelles doivent satisfaire les ciments à maçonner et les mortiers utilisés pour les mortiers de maçonnerie.



## Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

### A3000-03 (suite)

- **A3003-03**, *Méthodes d'essai chimique pour les liants utilisés dans le béton et la maçonnerie.* Les méthodes d'essai décrites dans cette norme visent l'analyse chimique du ciment hydraulique et des ajouts cimentaires.
- **A3004-03**, *Méthodes d'essai physique pour les liants utilisés dans le béton et la maçonnerie.* Cette norme énonce les méthodes d'essai physique pour les ciments hydrauliques, les ajouts cimentaires et les ajouts cimentaires composés. Elle se compose de méthodes d'essai et de méthodes normalisées.
- **A3005-03**, *Appareillage et matériaux d'essai pour les liants utilisés dans le béton et la maçonnerie.* Cette norme décrit les matériaux et l'appareillage utilisés pour la mise à l'essai des ciments hydrauliques, des ajouts cimentaires et des ajouts cimentaires composés.

### W47.1-03, 6<sup>e</sup> édition

*Certification des compagnies de soudage par fusion de l'acier*..... 150 \$

Cette norme énonce les exigences visant la certification des compagnies qui effectuent le soudage par fusion de l'acier et la qualification de leur personnel et des modes opératoires de soudage qu'ils utilisent.

Cette norme est basée sur le principe qu'une compagnie certifiée a l'entière responsabilité de la qualité du produit soudé qu'elle produit, et que cette responsabilité ne peut pas être transférée à ses employés ou aux personnes dont elle retient les services ou à l'administrateur de cette norme.

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## Amendments

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### CAN/CSA-B137 Series-02

*Thermoplastic Pressure Piping Compendium*

Revision of the following clauses and tables:

- **CAN/CSA-B137 Series-02**: Contents page
- **CAN/CSA-B137.0-02**: Clauses 6.3.2 and 6.6.7.3
- **CAN/CSA-B137.4-02**: Clause 5.2.5.1
- **CAN/CSA-B137.5-02**: Clauses 2.2, 3.4 and A2.1.7
- **CAN/CSA-B137.9-02**: Clauses 1.1, 2.2, 3.4.1, 3.5, 4.5, and 5.10, Tables 1, 2, and 3, and Clause A4
- **CAN/CSA-B137-10-02**: Clauses 1.1, 2.2, 3.1.4.2, 3.1.5, 5.9.1, and 5.9.2, and Tables 1, 2, 3, and 4.





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## Modifications publiées en français

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### **CAN/CSA-Série B137-02**

*Recueil de normes sur les tuyaux sous pression en matière thermoplastique*

Des modifications ont été apportées aux articles et aux tableaux suivants :

- **CAN/CSA-Série B137-02** : Table des matières
- **CAN/CSA-B137.0-02** : Article 6.6.7.3
- **CAN/CSA-B137.4-02** : Article 5.2.5.1
- **CAN/CSA-B137.5-02** : Articles 2.2, 3.2.2.1, 3.4 et A2.1.7
- **CAN/CSA-B137.9-02** : Articles 1.1, 2.2, 3.4.1, 3.5, 4.5, 5.10, tableaux 1, 2, 3 et article A4
- **CAN/CSA-B137-10-02** : Articles 1.1, 2.2, 3.1.4.2, 3.1.5, 5.9.1, 5.9.2, et tableaux 1, 2, 3 et 4.

### **B1800-02**

*Recueil de normes sur les tuyaux sans pression en plastique*

- **B1800-02** : Modification de la table des matières
- **B182.1-02**: Modification du chapitre 2 et du tableau 2, et suppression de l'article 5.10 et de la figure 6
- **B182.2-02**: Modification du chapitre 3 et du tableau 7, et suppression de l'article 10.4 et de la figure 5.

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## Reaffirmed Standards

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### **CAN/CSA-A123.1-98 (R2004) / CAN/CSA-A123.5-98 (R2004)**

*Asphalt Shingles Made from Organic Felt and Surfaced with Mineral Granules /  
Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules*

### **CAN/CSA-A123.3-98 (R2004)**

*Asphalt Saturated Organic Roofing Felt*

### **CAN/CSA-A123.4-98 (R2004)**

*Bitumen for Use in Construction of Built-up Roof Coverings and Waterproofing Systems*

### **S347-99 (R2004)**

*Method of Test for Evaluation of Truss Plates Used in Lumber Joints*



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## Formal Interpretations

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The following interpretations regarding CSA standard **B125-01**, *Plumbing Fittings*, Clause 4.5, have been approved by the Technical Committee on Plumbing Fittings.

**Question 1:** Does CSA interpret Section 4.5 of Standard B125 as requiring a vacuum breaker for hand-held showers?

**Answer:** No.

**Question 2:** If CSA does not interpret Section 4.5 of B125 as requiring a vacuum breaker for hand-held showers, is the rationale that verification of compliance with this section is to be determined in the field at the time of installation?

**Answer:** Yes.

**Question 3:** In the event Question 2 is answered in the affirmative, who makes the determination in the field?

**Answer:** The Technical Committee declined to interpret the question; it is outside of the scope of the TC.

## Under Development

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### Notice of Intent

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

- **B602, 4th edition**  
*Mechanical Couplings for Drain, Waste and Vent Pipes*

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### Drafts for Public Review

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**Please note:** Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by May 19, 2004.

#### *Draft Standards*

To receive copies of the following draft standard, or to offer comments, contact Abraham Murra at 416-747-4186 or [abraham.murra@csa.ca](mailto:abraham.murra@csa.ca):

- **B481.1, 1st edition**  
*Grease Interceptors*

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## Proposed Withdrawal of Standards

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For more information about the proposed withdrawal of the following standards, contact Tony Farrugia at 416-747-2470 or [tony.farrugia@csa.ca](mailto:tony.farrugia@csa.ca):

- **CAN3-A31-M75 (R1999)**  
*Series of Standards for Metric Dimensional Coordination in Building*  
 (Consists of CAN3-A31.1M, CAN3-A31.2M, CAN3-A31.3M, CAN3-A31.4M, and CAN3-A31.5M)
- **CAN/CSA-O132.2 Series-90 (R2003)**  
*Wood Flush Doors*  
 (Consists of O132.2.0-90, O132.2.1-90, O132.2.2-90, O132.2.3-90, and O132.2.4-90)

For more information about the proposed withdrawal of the following standard, contact Muktha Tumkur at 416-747-4045 or [muktha.tumkur@csa.ca](mailto:muktha.tumkur@csa.ca):

- **PLUS 4002-95**  
*ASTM Specifications for Cold Formed Steel Structural Members: ASTM Standards Referenced in CSA's S136-94*

## Certification and Testing (CSA International)

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### Certification Notices

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

Effective Date	Subject	Title
► Various dates	Publication of CSA standard CAN/CSA-B602-99, <i>Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe.</i>	Plumbing Products No. 146
March 31, 2004	Publication of the seventh edition of CSA standard CAN/CSA-A14-00, <i>Concrete Poles.</i>	Concrete Products No. 14



## Completed Projects / Projets terminés

### New Standards – New Editions – Special Publications

#### C22.2 No. 4-04, 7th edition

*Enclosed and Dead-Front Switches* (Tri-national standard with NMX-J-162-ANCE-2004, second edition, and UL 98, thirteenth edition) ..... \$245

This standard provides requirements for individually enclosed air switches, rated 4000 A or less at 600 V or less, having all current-carrying parts enclosed, manually operable by means of external handles, and intended to be used in accordance with national installation codes.

#### C22.2 No. 18.1-04, 1st edition

*Metallic Outlet Boxes* (Tri-national standard with NMX-J-023/1-ANCE, first edition, and UL 514A, tenth edition) ..... \$490

This standard applies to metallic outlet boxes, flush-device boxes, floor boxes, concrete boxes, extension rings, covers, conduit bodies, bar hangers, bar-hanger assemblies, and all accessories whose principal function is for support of boxes. The products covered by this standard are intended for installation in accordance with the *National Electrical Code* (NEC), NFPA 70, the *Canadian Electrical Code (CEC), Part I*, and the *Standard for Electrical Installations*, NOM-001-SEDE.

**Note:** In Canada, conduit bodies are not evaluated as outlet boxes – they are fittings. Requirements in this standard for conduit bodies intended for use as outlet boxes do not apply in Canada.

#### C22.2 No. 18.3-04, 1st edition

*Conduit, Tubing and Cable Fittings* (Tri-national standard with NMX-J-017-ANCE, first edition, and UL 514B, fifth edition) ..... \$385

This standard provides requirements for fittings for use with cable and conduit intended for installation in accordance with the *National Electrical Code* (NEC), ANSI/NFPA 70, the *Canadian Electrical Code (CEC), Part I*, and the *Standard for Electrical Installations*, NOM-001-SEDE.

These requirements cover conduit locknuts, conduit bushings, metal stud bushings, conduit bodies and entrance elbows; fittings for electrical metallic tubing, flexible metal conduit, intermediate metal conduit, liquid-tight flexible conduit, rigid metal conduit, and service-entrance heads; fittings for armoured cable, metal-clad cable, aluminum-sheathed cable, mineral-insulated cable, nonmetallic-sheathed cable, service-entrance cable, and tray cable, and submersible fittings; fittings for flexible cord, flexible nonmetallic and metallic tubing, insulating bushings, grips, reducing washers, and nipples.

**Note:** In Canada, fittings for metal-clad (MC) cable, intermediate metal conduit (IMC), flexible metallic tubing, flexible nonmetallic tubing, and conduit bodies are not recognized. Conduit bodies are considered fittings.

**Note:** In Canada, armoured cable includes Type TECK cable.



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

**C22.2 No. 18.4-04, 1st edition**

*Hardware for the Support of Conduit, Tubing, and Cable*

(Bi-national standard with UL 2239, first edition) ..... \$385

The requirements in this standard cover hardware for the support of conduit, tubing, and cable, such as hangers, staples, straps, and similar devices for installation in accordance with the *National Electrical Code* (NEC), NFPA 70, and the *Canadian Electrical Code (CEC), Part I*.

These requirements also cover standoffs for non-metallic-sheathed cable and protector plates.

**C22.2 No. 227.2.1-04, 1st edition**

*Liquid-Tight Flexible Nonmetallic Conduit* (Bi-national standard with UL 1660,

fourth edition) ..... \$490

The requirements in this standard cover liquid-tight flexible non-metallic conduit in the 3/8-4 (12-103) trade sizes of Type LFNC-A (Layered), Type LFNC-B (Integral), and Type LFNC-C (Corrugated) constructions. The conduit is intended for installation in accordance with the *National Electrical Code* (NEC) and the *Canadian Electrical Code (CEC), Part I*.

Conduit covered by this standard is intended for use in wet, dry, or oily locations at a maximum of 60 °C (140°F), unless otherwise marked.

**C22.10-04, 19th edition**

*Québec Construction Code—Chapter V, Electricity—Canadian Electrical Code, Part I*

(*Nineteenth Edition*) with *Quebec Amendments*..... \$90

The Government of Québec has approved the *Canadian Electrical Code, Part I (Nineteenth Edition), with Québec amendments*. This code replaces the eighteenth edition and comes into force on March 29, 2004.

**CAN/CSA-CEI/IEC CISPR 11:04, 1st edition (bilingual)**

*Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment—  
Electromagnetic Disturbance Characteristics—Limits and Methods of Measurement*

(Adopted CEI/IEC CISPR 11:2003, fourth edition, without modification)..... \$140

The limits and methods of measurement laid down in this standard apply to industrial, scientific and medical (ISM) equipment, and to electrodischarge machining (EDM) and arc welding equipment.

Procedures are given for the measurement of radio-frequency disturbances and limits are laid down within the frequency range 9 kHz to 400 GHz.

This standard contains requirements for ISM lighting apparatus operating in the ISM frequency bands of 915 MHz (only allowed in region 2 as defined by the ITU Radio Regulations), 2,45 GHz and 5,8 GHz.

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

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**C22.10-04, 19<sup>e</sup> édition**

*Code de Construction du Québec—Chapitre V, Électricité—Code canadien de l'électricité, Première partie (Dix-neuvième édition) et modifications du Québec* ..... 90 \$

Le Gouvernement du Québec a approuvé le Code canadien de l'électricité, Première partie, (Dix-neuvième édition) et les modifications applicables au Québec. Ce code remplace la dix-huitième édition et entre en vigueur le 29 mars 2004.

**CAN/CSA-CEI/IEC CISPR 11:04, 1<sup>re</sup> édition**

*Appareils industriels, scientifiques et médicaux (ISM) à fréquence radioélectrique—Caractéristiques de perturbations électromagnétiques—Limites et méthodes de mesure (norme CEI/IEC CISPR 1:2003, quatrième édition, adoptée sans modifications)* ..... 140 \$

Les limites et méthodes de mesure qui figurent dans la présente norme s'appliquent aux appareils industriels, scientifiques et médicaux (ISM) tels qu'ils sont définis dans l'article 2, et aux matériels d'usinage par décharges électriques (UDE) et aux matériels de soudage à l'arc.

Les procédures sont indiquées pour la mesure des perturbations radioélectriques et leurs valeurs limites sont données dans la bande de fréquences de 9 kHz à 400 GHz.

Les exigences concernant les appareils d'éclairage ISM fonctionnant dans les bandes de fréquences ISM de 915 MHz (autorisées uniquement en Région 2 comme défini par le Règlement des radiocommunications de l'UIT), 2,45 GHz et 5,8 GHz, sont spécifiées dans cette norme.

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**Amendments**

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**CAN/CSA-C22.2 No. 42.1-00**

*Cover Plates for Flush-Mounted Wiring Devices*

Revision of the title page, the copyright page, Clauses 3.2.1, 4.2.1.1, 4.2.2.1.1, 4.2.2.2, 4.2.2.3, 4.3.1.1, 5.1.1.9, 5.1.2.3.1, 5.2.2.2.1, and 5.3.5.1, and Table 2. Addition of Clauses 4.1.2, 4.2.2.1.2, 4.2.2.1.3, and 4.2.2.1.4.

**CAN/CSA-C22.2 No. 130-03**

*Requirements for Electrical Resistance Heating Cables and Heating Device Sets*

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

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

*Overhead Systems*

Revision of the contents page, Clauses 7.1.3, 7.3.1.1, 7.3.7, 7.3.8.1, 7.3.9, 7.3.10.1, and 7.4.1.5, and Tables 2, 3, 11, 31, and 32, and Figure 2, Clause A4, and Table A7. Addition of Clauses 1.1.A, 1.1.B, and 7.3.1.3.



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## Modifications publiées en français

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### **C22.2 n° 5-02**

*Disjoncteurs à boîtiers moulé et enveloppe de disjoncteurs*

Des modifications ont été apportées à la page titre, à la page des droits d'auteur, à la table des matières, à la préface, aux articles 7.1.4.1.16, et 7.1.11.5.3, ainsi qu'aux tableaux 7.4.2.1, 18.8.2.2 et 18.8.2.3. Les articles 6.4A, 7.4A, 8.8, et 9.4A, ainsi qu'aux tableaux 7.4A.1 à 7.4A.3 et Figures 7.4A.1 et 7.4A.2 ont été ajoutés.

### **CAN/CSA-C22.2 n° 42.1-00**

*Plaques-couvercles pour dispositifs de câblage en affleurement*

Des modifications ont été apportées à la page titre, à la page des droits d'auteur, aux articles 3.2.1, 4.2.1.1, 4.2.2.1.1, 4.2.2.2, 4.2.2.3, 4.3.1.1, 5.1.1.9, 5.1.2.3.1, 5.2.2.2.1, et 5.3.5.1, ainsi qu'au tableau 2. Les articles 4.1.2, 4.2.2.1.2, 4.2.2.1.3, et 4.2.2.1.4 ont été ajoutés.

### **CAN/CSA-C22.2 n° 130-03**

*Exigences relatives aux câbles chauffants par résistance et aux ensembles d'appareils chauffants par résistance*

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

### **CAN/CSA-C22.3 n° 1-01**

*Réseaux aériens*

Des modifications ont été apportées à la table des matières, aux articles 7.1.3, 7.3.1.1, 7.3.8.1, 7.3.9, 7.3.10, et 7.4.1.5, ainsi qu'aux tableaux 2, 3, 11, 31, 32, et à la figure 2, au article A.4, et Tableau A.7. Les articles 1.1A, 1.1B et 7.3.1.3, ont été ajoutés.

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## Reaffirmed Standards

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### **CAN3-C13.1-M79 (R2004)**

*Capacitor Voltage Transformers*

### **C22.2 No. 10-1965 (R2004)**

*Electric Floor Surfacing and Cleaning Machines*

### **C22.2 No. 22-M1986 (R2004)**

*Electrical Equipment for Flammable and Combustible Fuel Dispensers*

### **C22.2 No. 23.1-M1986 (R2004)**

*Electric Furnaces in Combination with Solid Fuel Fired Furnaces*

### **C22.2 No. 63-93 (R2004)**

*Household Refrigerators and Freezers*

### **CAN/CSA-C22.2 No. 68-92 (R2004)**

*Motor-Operated Appliances (Household and Commercial)*

**Reaffirmed Standards (cont'd)****C22.2 No. 72-M1984 (R2004)***Heater Elements***C22.2 No. 88-1958 (R2004)***Industrial Heating Equipment***C22.2 No. 92-1971 (R2004)***Dehumidifiers***C22.2 No. 99-1954 (R2004)***Domestic Electric Ironing Machines***C22.2 No. 101-M1984 (R2004)***Electrically Heated Bedding Appliances for Household Use***C22.2 No. 102-1958 (R2004)***Brooders and Incubators***C22.2 No. 118-1959 (R2004)***Construction and Test of Picture Machines and Appliances***CAN/CSA-C22.2 No. 120-M91 (R2004)***Refrigeration Equipment***C22.2 No. 149-1972 (R2004)***Electrically Operated Toys***C22.2 No. 151-M1986 (R2004)***Laboratory Equipment***C22.2 No. 155-M1986 (R2004)***Electric Duct Heaters***C22.2 No. 168-M1981 (R2004)***Commercial Dishwashing Machines***C22.2 No. 183.1-M1982 (R2004)***Alternating-Current (AC) Electrical Installations on Boats***C22.2 No. 183.2-M1983 (R2004)***DC Electrical Installations on Boats***C22.2 No. 200-M1985 (R2004)***Electric Waterbed Heater Systems***C22.2 No. 209-M1985 (R2004)***Thermal Cut-Offs***C22.2 No. 213-M1987 (R2004)***Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations***C22.2 No. 218.2-93 (R2004)***Hydromassage Bathtub Appliances*





## **Reaffirmed Standards (cont'd)**

### **C22.2 No. 221-M1986 (R2004)**

*Electrically Heated Hobby and Educational Type Kilns*

### **CAN/CSA-C22.2 No. 247-92 (R2004)**

*Operators and Systems of Doors, Gates, Draperies, and Louvres*

### **CAN/CSA-C22.2 No. 745-2-3-95 (R2004)**

*Safety of Portable Electric Tools—Part 2: Particular Requirements for Grinders, Polishers and Disk-Type Sanders (Bi-national standard with UL 745-2-3)*

### **CAN/CSA-C22.2 No. 1010.2.020-94 (R2004)**

*Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use—Part 2-020: Particular Requirements for Laboratory Centrifuges (Adopted IEC 1010-2-020:1992, first edition, with Canadian deviations)*

### **C22.2 No. 1335.1-93 (R2004)**

*Portable Electrical Motor-Operated and Heating Appliances: General Requirements*

### **C22.2 No. 1335.2.9-93 (R2004)**

*Portable Electrical Motor-Operated and Heating Appliances: Particular Requirements for Portable Electric Cooking Appliances*

### **C22.2 No. 1335.2.14-93 (R2004)**

*Portable Electrical Motor-Operated and Heating Appliances: Particular Requirements for Electrical Motor-Operated Kitchen Appliances*

### **CAN/CSA-C22.2 No. 1335.2.15-93 (R2004)**

*Portable Electrical Motor-Operated and Heating Appliances: Particular Requirements for Liquid-Heating Appliances*

### **C49.2-1975 (R2004)**

*Compact Aluminum Conductors Steel Reinforced (ACSR)*

### **C49.5-1978 (R2004)**

*Compact Round Concentric-Lay Aluminum Stranded Conductors (Compact ASC)*

### **CAN/CSA-E384-14-95 (R2004)**

*Fixed Capacitors for Use in Electronic Equipment—Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains (Adopted IEC 384-14:1993, second edition, without modification)*

### **CAN/CSA-E384-14-1-95 (R2004)**

*Fixed Capacitors for Use in Electronic Equipment, Part 14: Blank Detail Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to Supply Mains—Assessment Level D (Adopted IEC 384-14-1:1993, second edition, without modification)*

### **CAN/CSA-E730-2-1-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Electrical Controls for Electrical Household Appliances (Adopted IEC 730-2-1:1989, first edition, without modification)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-E730-2-3-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps* (Adopted IEC 730-2-3:1990, first edition, without modification)

### **CAN/CSA-E730-2-4-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Thermal Motor Protectors for Motor-Compressors of Hermetic and Semi-Hermetic Type* (Adopted IEC 730-2-4:1990, first edition, without modification)

### **CAN/CSA-E730-2-6-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Automatic Electrical Pressure Sensing Controls Including Mechanical Requirements* (Adopted IEC 730-2-6:1991, first edition, without modification)

### **CAN/CSA-E730-2-7-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Timers and Time Switches* (Adopted IEC 730-2-7:1990, first edition, without modification)

### **CAN/CSA-E730-2-10-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Electrically Operated Motor Starting Relays* (Adopted IEC 730-2-10:1991, first edition, without modification)

### **CAN/CSA-E730-2-11-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Energy Regulators* (Adopted IEC 730-2-11:1993, first edition, without modification)

### **CAN/CSA-E730-2-12-94 (R2004)**

*Automatic Electrical Controls for Household and Similar Use—Part 2: Particular Requirements for Electrically Operated Door Locks* (Adopted IEC 730-2-12:1993, first edition, without modification)

### **CAN/CSA-E1029-1-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 1: General Requirements* (Adopted IEC 1029-1:1990, first edition, with Canadian deviations)

### **CAN/CSA-E1029-2-1-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 2: Circular Saws* (Adopted IEC 1029-2:1993, first edition, without modification)

### **CAN/CSA-E1029-2-2-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 2: Particular Requirements for Radial Arm Saws* (Adopted IEC 1029-2-2:1993, first edition, without modification)

### **CAN/CSA-E1029-2-3-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 2: Particular Requirements for Planers and Thicknessers* (Adopted IEC 1029-2-3:1993, first edition, without modification)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-E1029-2-4-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 2: Particular Requirements for Bench Grinders* (Adopted IEC 1029-2-4:1993, first edition, without modification)

### **CAN/CSA-E1029-2-5-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 2: Particular Requirements for Band Saws* (Adopted IEC 1029-2-5:1993, first edition, without modification)

### **CAN/CSA-E1029-2-6-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 2: Particular Requirements for Diamond Drills with Water Supply* (Adopted IEC 1029-2-6:1993, first edition, without modification)

### **CAN/CSA-E1029-2-7-94 (R2004)**

*Safety of Transportable Motor-Operated Electric Tools—Part 2: Particular Requirements for Diamond Saws with Water Supply* (Adopted IEC 1029-2-7:1993, first edition, without modification)

## **Under Development**

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### **Notice of Intent**

For more information about the proposed development of the following new project, contact Michael Henville at 416-747-2227 or michael.henville@csa.ca:

- **C22.2 No. 257, 1st edition**  
*Interconnection of Small Distributed Generation Installations with Local Distribution Systems*

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### **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 May 19, 2004.

#### ***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. 210, 4th edition**  
*Appliance Wiring Material Products*

#### ***Proposed Adoptions***

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

- **IEC 62155:2003, 1st edition**  
*Hollow Pressurized and Unpressurized Ceramic and Glass Insulators for Use in Electrical Equipment with Rated Voltages Greater Than 1 000 V*

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## Proposed Reaffirmation of Standards

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

- **C22.3 No. 4-1974 (R1999)**  
*Control of Electrochemical Corrosion of Underground Metallic Structures*
- **CAN3-C17-M84 (R1999)**  
*Alternating-Current Electricity Metering*
- **CAN/CSA-C156.1-M86 (R1999)**  
*Ceramic and Glass Station Post Insulators*
- **CAN/CSA-C156.3-M86(R1999)**  
*Test Methods for Station Post Insulators*
- **CAN/CSA-C233.1-97**  
*Gapless Metal Oxide Surge Arresters for Alternating Current Systems*
- **CAN/CSA-C411.1-M89 (R1999)**  
*AC Suspension Insulators*

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## Proposed Withdrawal of Standards

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For more information about the proposed withdrawal of the following standard, contact Tim Pope at 416-747-2572 or tim.pope@csa.ca:

- **CAN/CSA-E60079-14:02, 2nd edition**  
*Electrical Apparatus for Explosive Gas Atmospheres—Part 14: Electrical Installations in Hazardous Areas (Other than Mines)* (Adopted CEI/IEC 79-14:1996)

For more information about the proposed withdrawal of the following standard, contact Rick Gilmour at 416-747-4112 or rick.gilmour@csa.ca:

- **PLUS 2204-94, 2nd edition**  
*Electrical Plus: A Guide to CSA Electrical and Electronic Standards*

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

- **C49.4-1978 (R1999)**  
*Concentric-Lay Aluminum Stranded Conductors (ASC)*
- **CAN3-C49.6-M85 (R2000)**  
*Zinc-Coated Steel Wires for Use in Overhead Electrical Conductors*
- **CAN3-C49.7-M85 (R1999)**  
*Aluminum Round Wires for Use in Overhead Electrical Conductors*
- **C108.8-M1983 (R2000)**  
*Limits and Methods of Measurement of Electromagnetic Emissions from Data Process Equipment and Electronic Office Machines*

**Proposed Withdrawal of Standards (cont'd)**

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

- **IEC 60707, edition 2.0 (1999)**

*Flammability of Solid Non-Metallic Materials when Exposed to Flame Sources—  
List of Test Methods*

**Certification and Testing (CSA International)****Informs Notices**

<b>Date</b>	<b>Subject</b>	<b>Title</b>
December 31, 2003	Publication of bi-national standard CAN/CSA-C22.2 No 60950-21-03 / ANSI/UL 60950-21-2003, <i>Information Technology Equipment—Safety—Part 21: Remote Power Feeding.</i>	Information Technology and Electrical Business Equipment No. 12
January 9, 2004	Publication of Technical Information Letter No. J-17C, covering changes to CSA certification service cables for use in golf course sprinkler systems (GCSS), lawn sprinkler systems (LSS), low voltage landscape lighting (LVLL) and underground low energy circuits (ULEC). (Supersedes Technical Information Letter No J-17B.)	Wire and Cable No. 106
January 23, 2004	Introduction of a new Component Acceptance Service for special use attachment plugs for battery chargers.	Component Acceptance Service No. 37
January 30, 2004	Publication of the eighth edition of CSA standard C22.2 No. 96-03, <i>Portable Power Cables.</i>	Wire and Cable No. 107
February 2, 2004	Publication of amendments to bi-national standard CAN/CSA-C22.2 No. 60950-1-03/UL 60950-1-03, <i>Information Technology Equipment—Safety—Part 1: General Requirements.</i>	Information Technology and Electrical Business Equipment No. 13
February 2, 2004	Publication of Technical Information Letter No. H-15, announcing interim certification requirements for in-line UV water sterilizers.	Signal Equipment No. 2
February 13, 2004	Publication of Technical Information Letter No. A-29, announcing construction and test requirements for seasonal use cord sets with integral overcurrent protection and up to nine receptacle fittings.	Wiring Devices No. 26

**Informs Notices (cont'd)**

<b>Date</b>	<b>Subject</b>	<b>Title</b>
February 27, 2004	Publication of Technical Information Letter No. A-31, announcing construction and test requirements for a self-contained 'slip-on' surge suppression protection device in a non-metallic enclosure for use with NEMA 1-15P or 5-15P attachment plugs.	Wiring Devices No. 27
February 27, 2004	Publication of Technical Information Letter No. A-30, covering interim certification requirements for power table systems for residential and commercial use.	Wiring Products No. 8

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**Certification Notices**

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

<b>Effective Date</b>	<b>Subject</b>	<b>Title</b>
April 10, 2004	Publication of an amendment to the twelfth edition of UL 153, <i>Portable Electric Luminaires</i> . The requirements in 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, covering interim certification requirements that will be incorporated into the next edition of C22.2 No. 1.	Audio and Video Equipment No. 15
September 30, 2004	Publication of the third edition of CSA standard C22.2 No. 107.1-01, <i>General Use Power Supplies</i> . (Supersedes Certification Notice, <i>Power Supplies No. 4</i> .) (Note: The effective date was September 2002 for certain types specified in the notice.)	Power Supplies No. 18
October 12, 2004	Publication of bi-national standard C22.2 No. 62.1-03, 1st edition/UL 5A, 3rd edition, <i>Nonmetallic Surface Raceways and Fittings</i> . (Supersedes Certification Notices <i>Wiring Devices No. 19</i> and <i>Wiring Products No. 1</i> .)	Raceways and Fittings No. 4
► November 15, 2004	Publication of the eighth edition of CSA standard C22.2 No. 75-03, <i>Thermoplastic Insulated Wires and Cables</i> .	Wire and Cable No. 105



### Certification Notices (cont'd)

December 1, 2004	Publication of Technical Information Letter No. B-69, covering medium screw-base and candelabra-screw base lamps incorporating light-emitting diodes or miniature extra-low-voltage incandescent lamps connected in series, as the light source.	Lighting Products No. 43
January 1, 2005	Publication of Technical Information Letter No. B-71, announcing new requirements for neon transformers and power supplies.	Lighting Products No. 42
January 1, 2005	Extension of effective date for the new marking requirements in Clause 17.2.2 of CSA standard C22.2 No. 250.0-00/UL 1598, <i>Luminaires</i> , to show catalog number, model number, series or other similar marking. (Supplemental to <i>Lighting Products Notice No. 35.</i> )	Lighting Products No. 35A
► November 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> .	Wiring Devices No. 25
March 1, 2007	Publication of CAN/CSA-C22.2 No. 60065:03, <i>Audio, Video and Similar Electronic Apparatus—Safety Requirements</i> (Adopted CEI/IEC 60065:2001, with Canadian deviations).	Audio and Video Equipment No. 16
January 1, 2010	Changes to the withdrawal dates of standards C22.2 No. 1-98, UL 469, UL 813 and UL 1492.	Audio and Video Equipment No. 16



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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**C744-04, 2nd edition**

*Standard for Packaged Terminal Air-Conditioners and Heat Pumps*

(Bi-national with ARI 310/380-2004)..... \$55

This standard applies to factory-manufactured residential, commercial, and industrial packaged terminal air-conditioners and heat pumps.

The standard is intended to provide guidance to manufacturers, engineers, installers, contractors, and users.

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### Reaffirmed Standards

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**CAN/CSA-F378-87 (R2004)**

*Solar Collectors*

**CAN/CSA-F416-87 (R2004)**

*Wind Energy Conversion Systems (WECS)—Safety, Design, and Operation Criteria*

**CAN/CSA-F417-M91 (R2004)**

*Wind Energy Conversion Systems (WECS)—Performance*

**CAN/CSA-F429-M90 (R2004)**

*Recommended Practice for the Installation of Wind Energy Conversion Systems*

## Under Development

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### Notice of Intent

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For more information about the proposed development of the following new projects, contact Mario Micallef at 416-747-2266 or [mario.micallef@csa.ca](mailto:mario.micallef@csa.ca):

- **B72, 3rd edition**  
*Installation Code for Lightning Protection Systems*
- **B365, 7th edition**  
*Installation Code for Solid-Fuel-Burning Appliances and Equipment*
- **C282, 4th edition**  
*Emergency Electrical Power Supply for Buildings*





## Notice of Intent (cont'd)

For more information about the proposed development of the following new projects, contact Sudi Kalra at 416-747-2794 or [sudi.kalra@csa.ca](mailto:sudi.kalra@csa.ca):

- **Z245.1, 8th edition**  
*Line Pipe*
- **Z245.6, 4th edition**  
*Coiled Aluminum Line Pipe and Accessories*
- **Z245.20/Z245.21, 5th edition**  
*External Fusion Bond Epoxy Coating for Steel Pipe / External Polyethylene Coating for Pipe*
- **Z341 Series, 2nd edition**  
*Storage of Hydrocarbons in Underground Formations*
- **Z662.1, 3rd edition**  
*Commentary on CSA Standard Z662, “Oil and Gas Pipeline Systems”*
- **Z662.2, 1st edition**  
*Land Use Planning with Respect to Pipelines*
- **Z662S1**  
*Supplement No. 1 to Z662-03, “Oil and Gas Pipeline Systems”*

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## Proposed Reaffirmation of Standards

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For more information about the proposed reaffirmation of the following standards, contact Ted Shin at 416-747-2642 or [ted.shin@csa.ca](mailto:ted.shin@csa.ca):

- **N287.1-93 (R1999)**  
*General Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants*
- **N287.3-93 (R1999)**  
*Design Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants*
- **N287.5-93 (R1999)**  
*Examination and Testing Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants*
- **N287.6-94 (R1999)**  
*Pre-Operational Proof and Leakage Rate Testing Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants*

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## Proposed Withdrawal of Standards

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For more information about the proposed withdrawal of the following standard, contact Robert Storey at 416-747-2685 or robert.storey@csa.ca:

- **CAN/CSA-F418-M91 (R1998)**  
*Wind Energy Conversion Systems (WECS)–Interconnection to the Electric Utility*



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### **CAN/CSA-ISO/TR 14047:04, 1st edition**

*Environmental Management—Life Cycle Impact Assessment—Examples of Application of ISO 14042* (Adopted ISO/TR 14047:2003, first edition, without modification)..... \$185

This technical report provides examples to illustrate current practice in carrying out a life cycle impact assessment in accordance with ISO 14042.

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### Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

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#### **Z752-03, 1<sup>re</sup> édition**

*Définition des déchets ménagers dangereux* ..... 85 \$

Cette norme définit les déchets ménagers qui présentent des risques importants pour les humains ou l'environnement s'ils sont éliminés dans le flux des déchets ménagers ordinaires par l'intermédiaire d'un ou de plusieurs systèmes.

Cette norme peut servir à :

- orienter le développement des produits
- élaborer des programmes de communication destinés à informer le public sur les matières qui répondent à la définition des DMD et sur la façon correcte de les éliminer
- faciliter et à encourager l'élaboration de programmes d'intendance des produits
- encadrer les activités de collecte et d'élimination des DMD.

Cette norme est basée sur des pratiques, codes, normes, et règlements communément acceptés et utilisés au Canada.

#### **Z773-03, 1<sup>re</sup> édition**

*Audit de conformité environnementale* ..... 85 \$

Cette norme précise les principes et les pratiques relatifs à un audit de conformité environnementale (ACE). Elle a pour but de fournir un cadre de travail uniforme ainsi que des exigences minimales pour la conduite d'ACE afin de faire en sorte que les ACE traitent des exigences visant la réglementation et la responsabilité ainsi que des exigences spécifiques aux sites.

Cette norme peut s'appliquer à tout organisme, à ses emplacements et à ses opérations ou à ses processus, en tout ou en partie, indépendamment de la grosseur ou du secteur. La norme peut s'appliquer dans le cas d'un ACE réalisé par le personnel ou par des auditeurs externes.

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### Reaffirmed Standards

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#### **CAN/CSA-Z769-00 (R2004)**

*Phase II Environmental Site Assessment*

## **Completed Projects / Projets terminés**

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### **New Standards – New Editions – Special Publications**

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#### **ANSI Z21.41-2003/CSA 6.9-2003, 2nd edition**

*Quick Disconnect Devices for Use with Gas Fuel Appliances* ..... \$375

This standard details test and examination criteria for hand-operated devices that provide means for connecting and disconnecting gas-fired appliances or gas appliance connectors to gas supplies and that are for use in indoor or outdoor applications. These devices are equipped with automatic means to shut off gas flow when disconnected.

#### **ANSI Z21.86-2004/CSA 2.32-2004, 4th edition**

*Vented Gas-Fired Space Heating Appliances*..... \$940

This standard details test and examination criteria for vented room heaters, direct vent wall furnaces, vented wall furnaces, and gravity and fan type floor furnaces for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures.

#### **CSA 12.6-04, 2nd edition**

*Vehicle Refuelling Appliances* ..... \$140

This standard applies to independently operating gas compressor packages designed for installation in accordance with CAN/CSA-B149.1, when used for filling vehicles, or CSA-B108, when used for filling gas storage or piping systems.

This standard applies to independently operating gas compressor packages that are

- a) intended to be used for natural gas only;
- b) intended for installation only in non-hazardous locations; and
- c) designed so as not to create a hazard through leakage.

This standard applies to gas compressor packages that are

- a) certified as a system for the direct fuelling of vehicles. In this package the system includes components necessary to transfer fuel to a vehicle such as breakaway devices, delivery hoses, and fuel transfer nozzles. Nozzles, hose assemblies, and breakaway devices are not interchangeable between the P30 system and other pressure systems; or
- b) certified for use with a piping system or to fill gas storage but not connected to a vehicle. In such cases, the certification need not include components such as the breakaway device, delivery hose, or fuel transfer nozzle.



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## Amendments

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### **ANSI Z21.1b-2003**

*Addenda B to “Household Cooking Gas Appliances”* ..... \$105

This document provides revisions to ANSI Z21.1-2000 and ANSI Z21.1a-2003.

### **ANSI Z21.10.3a-2003/CSA 4.3a-2003**

*Addenda A to “Gas Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating and Instantaneous”* ..... \$105

This document provides revisions to ANSI Z21.10.3-2001/CSA 4.3-2001.

### **ANSI Z21.50a-2003/CSA 2.22a-2003**

*Addenda A to “Vented Gas Fireplaces”* ..... \$70

This document provides revisions to ANSI Z21.50-2003/CSA 2.22-2003.

### **ANSI Z21.57a-2003**

*Addenda A to “Recreational Vehicle Cooking Gas Appliances”* ..... \$80

This document provides revisions to ANSI Z21.57-2001.

### **ANSI Z21.78b-2004/CSA 6.20b-2004**

*Addenda B to “Combination Gas Controls for Gas Appliances”* ..... \$75

This document provides revisions to ANSI Z21.78-2000/CSA 6.20-2000 and ANSI Z21.78a-2001/CSA 6.20a-2001.

### **ANSI Z21.81b-2003/CSA 6.25b-2003**

*Addenda B to “Cylinder Connection Devices”* ..... \$80

This document provides revisions to ANSI Z21.81-1997/CSA 6.25-1997 and ANSI Z21.81a-1998 CGA 6.25a-M98.

### **ANSI Z21.88b-2003/CSA 2.33b-2003**

*Addenda B to “Vented Gas Fireplace Heaters”* ..... \$70

This document provides revisions to ANSI Z21.88-2003/CSA 2.33-2003 and ANSI Z21.88a-2003/CSA 2.33a-2003.

### **ANSI Z21.89b-2004/CSA 1.18b-2004**

*Addenda B to “Outdoor Cooking Specialty Gas”* ..... \$95

This document provides revisions to ANSI Z21.89-2002/CSA 1.18-2002 and ANSI Z21.89a-2003/CSA 1.18a-2003.

### **ANSI Z21.90a-2003/CSA 6.24a-2003**

*Addenda A to “Gas Convenience Outlets and Optional Enclosures”* ..... \$75

This document provides revisions to ANSI Z21.90-2001/CSA 6.24-2001.



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## Reaffirmed Standards

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### **CAN/CSA-B108-99 (R2004)**

*Natural Gas Fuelling Stations Installation Code*

### **CGA P.8-1997 (R2004)**

*Thermal Efficiencies of Industrial and Commercial Gas-Fired Package Furnaces*

## ***Under Development***

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### Notice of Intent

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For more information about the proposed development of the following new project, contact Tony Joseph at 416-747-4035 or [tony.joseph@csa.ca](mailto:tony.joseph@csa.ca):

- **ANSI Z83.xx/CSA 3.19, 1st edition**  
*Direct Gas-Fired Process Air Heaters*

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### Drafts for Public Review

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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 May 19, 2004.

#### ***Draft Standards***

To receive copies of the following draft standard, or to offer comments, contact Tony Joseph at 416-747-4035 or [tony.joseph@csa.ca](mailto:tony.joseph@csa.ca):

- **ANSI Z21.13/CSA 4.9, 2nd edition**  
*Gas-Fired Low-Pressure, Steam and Hot Water Boilers*

#### ***Proposed Amendments***

To receive copies of the following proposed amendment, or to offer comments, contact Tony Joseph at 416-747-4035 or [tony.joseph@csa.ca](mailto:tony.joseph@csa.ca):

- **ANSI Z21.13/CSA 4.9, proposed addenda “a”**  
*Gas-Fired Low-Pressure, Steam and Hot Water Boilers*



## Certification and Testing (CSA International)

### Certification Notices

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

Effective Date	Subject	Title
► May 1, 2004	Publication of ANSI Z21.80-2003/CSA 6.22-2003, <i>Standard for Line Pressure Regulators</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.80-1997/CSA 6.22-M97, ANSI Z21.80a-2000/CSA 6.22a-M00 and ANSI Z21.80b-2000/CSA 6.22b-2000.	Gas Products No. 12
June 1, 2004	Publication of addenda for ANSI Z21.20-2003/CSA 2.34-2003, <i>Gas-Fired Low-Intensity Infrared Heaters</i> .	Gas Products No. 2
July 1, 2004	Extension of effective dates for storage-type gas-fired water heater compliance with the FVIR test protocol referenced in section 2.35 of ANSI Z21.10.1a/CSA 4.1a-2000 and the LDO test protocol referenced in section 2.36 of ANSI Z21.10.1a/CSA 4.1a-2002. This notice supersedes our previous notice to manufacturers dated February 14, 2003.	Gas Products No. 7
August 1, 2004	Publication of addenda for ANSI Z21.60-2003/CSA 2.26-2002, <i>Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.60-1996/CGA 2.26-M96, ANSI Z21.60a-2000/CGA 2.26a-2000 and ANSI Z21.60b-2001/CGA 2.26b-2001.	Gas Products No. 1
September 1, 2004	Publication of new standard ASME B16.44-2002, <i>Manually Operated Metallic Gas Valves for Use in House Piping Systems</i> . This standard incorporates modifications to CSA Requirement 3.88.	Gas Products No. 6
September 1, 2004	Publication of addenda ANSI Z21.69a-2003/CSA 6.16a-2003, <i>Connectors for Movable Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.69-2002/CSA 6.16-2002.	Gas Products No. 5



## Certification Notices (cont'd)

Effective Date	Subject	Title
November 1, 2004	Publication of addenda ANSI Z21.60a-2003/CSA 2.26a-2003, <i>Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.60-2003/CSA 2.26-2003.	Gas Products No. 4
▶ January 1, 2005	Publication of addenda ANSI Z21.88a-2003/CSA 2.33a-2003, <i>Vented Gas Fireplace Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.88-2002/CSA 2.33-2002.	Gas Products No. 15
▶ January 1, 2005	Publication of ANSI Z21.50-2003/CSA 2.22-2003, <i>Standard for Vented Gas Fireplaces</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.50-2000/CSA 2.33-2000, ANSI Z21.50a-2001/CSA 2.22a-2001 and ANSI Z21.50b-2002/CSA 2.33b-2002.	Gas Products No. 16
▶ February 1, 2005	Publication of addenda ANSI Z21.13b-2003/CSA 4.9b-2003, <i>Gas-Fired Low Pressure Steam and Hot Water Boilers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000 and ANSI Z21.13a-2000/CSA 4.9a-2002.	Gas Products No. 13
▶ April 1, 2005	Publication of addenda ANSI Z83.18b-2003, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.18-2000 and ANSI Z83.18a-2001.	Gas Products No. 17
▶ May 1, 2005	Publication of addenda ANSI Z83.8a-2003/CSA 2.6a-2003, <i>Gas Unit Heaters and Gas-Fired Duct Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.8-2002/CSA 2.6-2002.	Gas Products No. 18
▶ June 1, 2005	Publication of addenda ANSI Z21.5.2b-2003/CSA 7.2b-2003, <i>Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.5.2-2001/CSA 7.2-2001 and ANSI Z21.5.2a-2003/CSA 7.2a-2003.	Gas Products No. 14





## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### **CAN/CSA-ISO 13485:03, 2nd edition**

*Medical Devices–Quality Management Systems–Requirements for Regulatory Purposes*  
(Adopted ISO 13485:2003, second edition, without modification)..... \$150

This international standard specifies requirements for a quality management system where an organization needs to demonstrate its ability to provide medical devices and related services that consistently meet customer requirements and regulatory requirements applicable to medical devices and related services.

The primary objective of this international standard is to facilitate harmonized medical device regulatory requirements for quality management systems.

All requirements of this international standard are specific to organizations providing medical devices, regardless of the type or size of the organization.

#### **CAN/CSA-M730-1-04, 1st edition**

*Agricultural Wheeled Tractors–Rear-Mounted Three-Point Linkage–Part 1: Categories 1, 2, 3 and 4* (Adopted ISO 730-1:1994, third edition, including Technical Corrigendum 1:1995, with Canadian deviations) ..... \$65

This standard specifies the dimensions and requirements of the three-point linkage for the attachment of implements or equipment to the rear of agricultural wheeled tractors.

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

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### Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

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#### **B621-03, 3<sup>e</sup> édition**

*Sélection et utilisation des citernes routières, des citernes amovibles, des citernes compartimentées et des conteneurs pour le transport des marchandises dangereuses des classes 3, 4, 5, 6.1, 8 et 9*..... 60 \$

Cette norme énonce en détail les exigences relatives à la sélection et à l'utilisation, à la manutention, au remplissage et au déchargement des citernes routières, des citernes amovibles, des citernes compartimentées et des conteneurs utilisés comme contenant principal pour le transport des marchandises dangereuses des classes 3, 4, 5, 6.1, 8 et 9.

Cette norme établit certaines exigences minimales pour la sélection des contenants appropriés pour le transport des marchandises dangereuses. Cette norme, toutefois, ne prescrit pas la sélection des matériaux de construction des contenants pour assurer la compatibilité chimique avec les marchandises dangereuses. Par conséquent, il est essentiel de faire preuve de compétence technique au moment de l'utilisation de cette norme.

S'il y a une différence quelconque entre cette norme et le Règlement sur le transport des marchandises dangereuses (TMD), le Règlement s'applique.



## Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

### **CAN/CSA-ISO 13485:03, 2<sup>e</sup> édition**

*Dispositifs médicaux–Systèmes de management de la qualité–Exigences à des fins réglementaires* (norme ISO 13485:2003, deuxième édition, adoptée sans modification) ..... 150 \$

La présente norme internationale énonce les exigences relatives au système de management de la qualité lorsqu'un organisme doit démontrer son aptitude à fournir régulièrement des dispositifs médicaux et des services associés conformes aux exigences des clients et aux exigences réglementaires applicables aux dispositifs médicaux et aux services associés.

Le principal objectif de la présente norme internationale est de faciliter la mise en œuvre d'exigences réglementaires harmonisées en matière de dispositifs médicaux, dans le cadre des systèmes de management de la qualité.

Toutes les exigences de la présente norme internationale sont spécifiques aux organismes fournissant des dispositifs médicaux, indépendamment du type ou de la taille de l'organisme.

### **CAN/CSA-M730-1-04, 1<sup>re</sup> édition**

*Tracteurs agricoles à roues–Attelage trois points monté à l'arrière–Partie 1: Catégories 1, 2, 3 et 4* (norme ISO 730-1:1995, troisième édition, y compris le rectificatif technique 1:1995, a été adoptée, avec exigences propres au Canada)..... 65 \$

La présente partie de l'ISO 730 prescrit les dimensions et les exigences requises des attelages trios points permettant d'atteler des instruments ou des équipements à l'arrière des tracteurs agricoles à roues.

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## Amendments

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### **CAN/CSA-Z262.5-00**

*Face Protectors for Ringette Players*

Revision of Clauses 1.3, 2.2, 3.1.2, 4.3.3, 5.1.2, and 6.2.2, and Table 2.

### **CAN/CSA-Z275.4-02**

*Competency Standard for Diving Operations*

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

### **CAN/CSA-Z317.13-03**

*Infection Control During Construction or Renovation of Health Care Facilities*

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

### **CAN/CSA-B340-02**

*Selection and Use of Cylinders, Spheres, Tubes, and Other Containers for the Transportation of Dangerous Goods, Class 2*

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

### **CAN/CSA-Z434-03**

*Industrial Robots and Robot Systems–General Safety Requirements*

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

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## Modifications publiées en français

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### **CAN/CSA-Z262.5-00**

*Protecteurs faciaux pour joueurs de ringuette*

Des modifications ont été apportées aux articles 1.3, 2.2, 3.1.2, 4.3.3, 5.1.2, et 6.2.2, ainsi qu'au tableau 2.

### **CAN/CSA-Z275.4-02**

*Norme de compétence pour les opérations de plongée*

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

### **CAN/CSA-Z317.13-03**

*Lutte contre l'infection pendant les travaux de construction ou de rénovation dans les établissements de santé*

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

### **CAN/CSA-Z434-03**

*Robots industriels et systèmes robotiques : exigences générales de sécurité*

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

### **CAN/CSA-B340-02**

*Sélection et utilisation de bouteilles, tubes et autres récipients utilisés pour le transport des marchandises dangereuses, classe 2*

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

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## Reaffirmed Standards

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### **M671-99 (R2004)**

*Slow Moving Vehicle Identification Emblem*

### **M673-99 (R2004)**

*Equipment for Agriculture—Safety Chain for Towed Equipment*

### **M676-99 (R2004)**

*Agricultural Cabs—Environmental Air Quality, Part 1: Definitions, Test Methods and Safety Practices*

### **M677-99 (R2004)**

*Agricultural Cabs—Environmental Air Quality, Part 2: Pesticide Vapour Filters—Test Procedure and Performance Criteria*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-Z150-98 (R2004)**

*Safety Code for Mobile Cranes*

### **CAN/CSA-Z259.2.1-98 (R2004)**

*Fall Arresters, Vertical Lifelines, and Rails*

### **CAN/CSA-Z259.2.2-98 (R2004)**

*Self-Retracting Devices for Personal Fall-Arrest Systems*

### **CAN/CSA-Z275.2-92 (R2004)**

*Occupational Safety Code for Diving Operations*

### **CAN/CSA-Z275.3-M86 (R2004)**

*Occupational Safety Code for Construction Work in Compressed Air*

### **CAN/CSA-Z364.1.3-98 (R2004)**

*Reuse of Haemodialysers*

### **CAN/CSA-Z10651-2-99 (R2004)**

*Lung Ventilators for Medical Use—Part 2: Particular Requirements for Home Care Ventilators* (Adopted ISO 10651-2:1996, first edition, without modification)

### **CAN/CSA-Z11140-1-98 (R2004)**

*Sterilization of Health Care Products—Chemical Indicators—Part 1: General Requirements* (Adopted ISO 11140-1:1995, first edition, without modification)

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## Withdrawn Standards

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### **CAN/CSA-C22.2 No. 601.2.15-92 (R2001)**

*Medical Electrical Equipment Part 2: Particular Requirements for the Safety of Capacitor Discharge X-Ray Generators* (Adopted IEC 601-2-15:1988)

### **CAN/CSA-ISO 15225-01**

*Nomenclature—Specification for a Nomenclature System for Medical Devices for the Purpose of Regulatory Data Exchange* (Adopted ISO 15225:2000)

### **CAN/CSA-M3789.4-91 (R2002)**

*Controls for Forestry Log Loaders—System A* (Adopted ISO 3789-4:1989)

## ***Under Development***

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### **Notice of Intent**

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

- **ISO TR 14969, 1st edition**  
*Medical Devices—Quality Management Systems—Guidance on the Application of ISO 13485:2003*
  - **PLUS 13485, 1st edition**  
*The ISO 13485 Essentials: A Practical Handbook for Implementing the ISO 13485 Standard*
  - **Z76.1, 1st edition**  
*Reclosable Child-Resistant Packages*
  - **Z900.1, 2nd edition**  
*Cells, Tissues, and Organs for Transplantation and Assisted Reproduction: General Requirements*
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### **Drafts For Public Review**

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**Please note:** Public comments about the draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by May 19, 2004.

#### ***Draft Standards***

To receive copies of the following draft standard, or to offer comments, contact Walter Dick at 416-747-5563 or [walter.dick@csa.ca](mailto:walter.dick@csa.ca):

- **Z259.15, 1st edition**  
*Anchorage Connectors*

#### ***Proposed Amendments***

To receive copies of the following proposed amendment, or to offer comments, contact Mike Dodd at 416-747-2322 or [mike.dodd@csa.ca](mailto:mike.dodd@csa.ca):

- **CAN/CSA-Z5360-94 (R1999)**  
*Anaesthetic Vaporizers—Agent-Specific Filling Systems*

#### ***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](mailto:mike.dodd@csa.ca):

- **ISO 23328-1:2003 (to be published as CSA standard Z23328-1, 1st edition)**  
*Breathing System Filters for Anaesthetic and Respiratory Use—Part 1: Salt Test Method to Assess Filtration Performance*



## Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Dave Shanahan at 416-747-2586 or dave.shanahan@csa.ca:

- **CAN/CSA-M424.2-M90 (R1999)**  
*Non-Rail-Bound Diesel-Powered Machines for Use in Non-Gassy Underground Mines*

For more information about the proposed reaffirmation of the following standard, contact Cathryn Cortisoz at 416-747-2594 or cathryn.cortisoz@csa.ca:

- **CAN/CSA-Z264.2-99**  
*Labelling of Drug Ampoules, Vials and Prefilled Syringes*

## Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standard, contact Walter Dick at 416-747-5563 or walter.dick@csa.ca:

- **Plus 5000-96**  
*A Guide to Fall Protection*

# Certification and Testing (CSA International)

## Certification Notices

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

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



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



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