



CANADIAN STANDARDS  
ASSOCIATION

# INFO UPDATE

## ***Life Sciences***

**Volume 2 — March 2009**

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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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards. It also gives you highlights of other activities and services.

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

To view the complete issue of *Info Update* visit <http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

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

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

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

##### ▼ **Amendments**

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

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

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

##### ▼ **Adopted Standards**

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

##### ▼ **Endorsed Standards**

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

Endorsed standards are not sold by CSA.

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

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

### ▼ Reaffirmed Standards

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

### ▼ Withdrawn Standards

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

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

### ▼ Formal Interpretations

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

## **Under Development**

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

## **Certification and Testing (CSA International)**

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

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

### ▼ Certification Notices

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

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



## Completed Projects / Projets terminés

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### New Standards – New Editions – Special Publications

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#### **B51-09, 17th edition**

*Boiler, Pressure Vessel, and Pressure Piping Code*

Paper.....	\$165
PDF .....	\$165

There are three parts to this standard.

- **Part 1** of this standard applies to all boilers, pressure vessels, pressure piping, and fittings, as provided for by the Act and identified in Part 1 of this standard. This standard does not apply to the following:
  - pressure-retaining components in hydraulic elevators
  - pressure-containment devices for gas-filled switchgear and controlgear
  - pressure vessels for the transportation of dangerous goods regulated by Transport Canada.

Requirements for compressed natural gas cylinders and refuelling station pressure piping systems and containers are covered in Parts 2 and 3 of this standard.

- **Part 2** of this standard specifies minimum requirements for serially produced lightweight refillable gas cylinders, both original equipment and conversions, having a water capacity exceeding 20 L (0.71 ft<sup>3</sup>) but not exceeding 1000 L (35.3 ft<sup>3</sup>). Part 2 of this standard applies only to cylinders for the on-board storage of high-pressure compressed natural gas and/or compressed hydrogen as fuels for automotive vehicles to which the cylinders are to be fixed. Cylinders may be of any material (steel, aluminum, or non-metallic) and constructed in accordance with any design or method of manufacture suitable for the specified service conditions.
- **Part 3** of this standard covers pressure piping systems used in compressed natural gas (CNG) and hydrogen refuelling stations as follows:
  - between the termination of the utility's piping, usually at the meter, and the inlet to the compressor assembly if the design pressure exceeds 414 kPa (60 psi)
  - from the inlet to the compressor assembly through to the dispenser nozzle, except for the mechanical parts of the compressor and any subsystems designed for 414 kPa (60 psi) or less.

The ground storage vessels covered in Part 3 of this standard are pressure vessels that are installed at CNG and hydrogen refuelling stations and intended to store CNG or hydrogen at pressure for delivery to vehicle fuel tanks.



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

### **B167-08, 3rd edition**

*Overhead Travelling Cranes — Design, Inspection, Testing, Maintenance, and Safe Operation*

Paper.....	\$75
PDF .....	\$70

This standard specifies minimum requirements for the design, inspection, testing, maintenance (modifications and repairs), and safe operation of overhead cranes, monorails, hoists, trolleys, jib cranes, gantry and wall cranes, and other equipment having similar characteristics.

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

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### **B340-08, 5<sup>e</sup> édition**

*Sélection et utilisation de bouteilles à gaz cylindriques et sphériques, tubes et autres contenants pour le transport des marchandises dangereuses, classe 2*

Papier.....	110 \$
PDF .....	100 \$

Cette norme énonce les exigences en matière de sécurité pour la sélection et l'utilisation de bouteilles à gaz cylindriques et sphériques, tubes et autres contenants pour le transport des marchandises dangereuses, classe 2.

Cette norme énonce les exigences relatives à la manutention et au remplissage des bouteilles à gaz cylindriques et sphériques, tubes et autres contenants pour le transport des marchandises dangereuses, classe 2.

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## Reaffirmed Standards

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### **CAN/CSA-C22.2 No. 60601-2-4:04 (R2009)**

*Medical electrical equipment — Part 2-4: Particular requirements for the safety of cardiac defibrillators* (Adopted CEI/IEC 60601-2-4:2002, second edition, without modification)

### **CAN/CSA-C22.2 No. 60601-2-17:04 (R2009)**

*Medical electrical equipment — Part 2-17: Particular requirements for the safety of automatically-controlled brachytherapy afterloading equipment* (Adopted CEI/IEC 60601-2-17:2004, second edition, without modification)

### **CAN/CSA-C22.2 No. 60601-2-26:04 (R2009)**

*Medical electrical equipment — Part 2-26: Particular requirements for the safety of electroencephalographs* (Adopted CEI/IEC 60601-2-26:2003, second edition, without modification)

### **CAN/CSA-C22.2 No. 60601-2-33:04 (R2009)**

*Medical electrical equipment — Part 2-33: Particular requirements for the safety of magnetic resonance equipment for medical diagnosis* (Adopted CEI/IEC 60601-2-33:2002, second edition, without modification)

**Reaffirmed Standards (cont'd)****CAN/CSA-C22.2 No. 60601-2-49:04 (R2009)**

*Medical electrical equipment — Part 2-49: Particular requirements for the safety of multifunction patient monitoring equipment* (Adopted CEI/IEC 60601-2-49:2001, first edition, without modification)

**CAN/CSA-C22.2 No. 60601-2-51:04 (R2009)**

*Medical electrical equipment — Part 2-51: Particular requirements for safety, including essential performance, of recording and analysing single channel and multichannel electrocardiographs* (Adopted CEI/IEC 60601-2-51:2003, first edition, without modification)

**CAN/CSA-D113.2-M89 (R2009)**

*Cycling Helmets*

**M671-99 (R2009)**

*Slow-Moving Vehicle Identification Emblem* (Adopted ASAE [American Society of Agricultural Engineers] Standard S276.5 NOV97, without modification)

**M673-99 (R2009)**

*Equipment for Agriculture — Safety Chain for Towed Equipment* (Adopted ANSI/ASAE [American National Standards Institute/American Society of Agricultural Engineers] Standard S338.4 NOV97, without modification)

**M677-99 (R2009)**

*Agricultural Cabs — Environmental Air Quality. Part 2: Pesticide Vapor Filters — Test Procedure and Performance Criteria* (Adopted ANSI/ASAE [American National Standards Institute/American Society of Agricultural Engineers] Standard S525-2 MAY98, without modification)

**CAN/CSA-M730-1-04 (R2009)**

*Agricultural wheeled tractors — Rear-mounted three-point linkage — Part 1: Categories 1, 2, 3 and 4* (Adopted ISO 730-1:1994, third edition, with Canadian deviations)

**CAN/CSA-Q830-03 (R2009)**

*Model Code for the Protection of Personal Information*

**CAN/CSA-Z262.7-04 (R2009)**

*Guidelines for Spectator Safety in Indoor Arenas*

**CAN/CSA-Z264.2-99 (R2009)**

*Labelling of Drug Ampoules, Vials, and Prefilled Syringes*

**CAN/CSA-Z364.1.3-98 (R2009)**

*Reuse of Haemodialysers*

**CAN/CSA-Z731-03 (R2009)**

*Emergency Preparedness and Response*



## ***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.

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