



CANADIAN STANDARDS  
ASSOCIATION

# INFO UPDATE

## ***Energy***

### **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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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)

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### ▼ 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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#### F379 Series-09, 1st edition

*Packaged Solar Domestic Hot Water Systems (Liquid-to-Liquid Heat Transfer)*

PDF Only ..... \$165

- **F379.1-09**, *Packaged Solar Domestic Hot Water Systems (Liquid-to-Liquid Transfer) for All-Season Use*. This standard applies to the performance, durability, and safety of packaged solar domestic hot water (SDHW) systems that use liquid-to-liquid heat transfer and liquid heat storage media suitable for year-round use.

This standard specifies requirements for both factory-packaged and add-on packaged systems.

This standard applies to the components and materials supplied by the manufacturer, the assembly and installation instructions, and the operation of the system after it has been assembled according to these instructions. It does not apply to site preparation or installation procedures.

- **F379.2-09**, *Packaged Solar Domestic Hot Water Systems for Seasonal Use*. This standard applies to the performance, durability, and safety of packaged seasonal-use solar domestic hot water (SSDHW) systems that are not intended to be operated in freezing conditions. In these systems, freeze protection is accomplished manually (e.g., complete drainage) with or without a device intended to offer limited freeze protection.

This standard covers systems that provide all, or a significant fraction of, the seasonal hot water requirements of small buildings, including vacation homes, by solar energy.

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### Reaffirmed Standards

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#### **CAN/CSA-C191-04 (R2009)**

*Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service*

#### **CAN/CSA-C863-04 (R2009)**

*Energy Efficiency of High-Intensity Discharge (HID) and Low-Pressure Sodium (LPS) Lamp Ballasts*

#### **CAN/CSA-F378-87 (R2009)**

*Solar Collectors*

#### **N287.1-93 (R2009)**

*General Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants*

#### **N287.3-93 (R2009)**

*Design Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants*



## Reaffirmed Standards (cont'd)

### **N287.5-93 (R2009)**

*Examination and Testing Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants*

### **N287.6-94 (R2009)**

Pre-Operational Proof and Leakage Rate Testing Requirements for Concrete Containment Structures for CANDU Nuclear Power Plants

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## Formal Interpretations

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The following interpretation regarding CSA standard N285.0-08, *General requirements for pressure-retaining systems and components in CANDU nuclear power plants*, has been approved by the Technical Committee on CANDU Nuclear Power Plant Systems & Components.

**Question #1:** Is it the intent of the standard that nameplates and identification required for items specifically identified in Clause 12.3.1 also apply to valves?

**Answer #1:** Yes.

**Question #2:** Do Class 1, 2, or 3 instrument valves used as part of N285.0-08 modifications need to be registered as Category C per the requirements of Clauses 6.1.1.1, 6.1.1.3, and 6.1.6?

**Answer #2:** Yes.

**Question #3:** Is it intended that Class 1, 2, or 3 instrument valves used as part of N285.0-08 modifications require nameplates per Clause 12.3.2 and a Data Report per Clause 12.4.1?

**Answer #3:** Yes.

**Question #4:** Does N285.0, Clause 6.1.6 permit the designation of Class 1, 2 and 3 instrument valves designed by burst test as Category F fittings?

**Answer #4:** No.

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## Interprétations formelles

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La demande d'interprétation suivante concernant la norme CSA N285.0-08, *Exigences générales relatives aux systèmes et aux composants sous pression des centrales nucléaires CANDU*, a été approuvée par le Comité technique sur les systèmes et les composants sous pression des centrales nucléaires CANDU.

**Question n° 1 :** La norme exige-t-elle que les plaques signalétiques et les identifications exigées pour les articles énumérés à l'article 12.3.1 soient également exigées pour les robinets ?

**Réponse n° 1 :** Oui.

**Question n° 2 :** Les robinets d'instrumentation de classe 1, 2 ou 3 utilisés dans le contexte de la N285.0-08 doivent-ils être enregistrés comme dispositifs de catégorie C conformément aux articles 6.1.1.1, 6.1.1.3 et 6.1.6 ?

**Réponse n° 2 :** Oui.

**Question n° 3 :** Les robinets d'instrumentation de classe 1, 2 ou 3 utilisés dans le contexte de la N285.0-08 doivent-ils être dotés de plaques signalétiques, conformément à l'article 12.3.2 et accompagnés d'une déclaration de conformité, conformément à l'article 12.4.1 ?

**Réponse n° 3 :** Oui.

**Question n° 4 :** L'article 6.1.6 de la norme N285.0 permet-il que les robinets d'instrumentation de classe 1, 2 ou 3, conçus par un essai d'éclatement, soient désignés comme accessoires de catégorie F ?

**Réponse n° 4 :** Non.

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

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### Informs Notices

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Date	Subject	Title
February 6, 2009	New energy efficiency verification service available to CSA standard C828-06, <i>Performance requirements for thermostats used with individual room electric space heating devices.</i>	Verification Service Announcement No. 36