



INFO UPDATE

Construction Products and Materials

Volume 8 — November/December 2009

Issue date: December 16, 2009

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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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

What you'll find

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

Completed Projects / Projets terminés

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

This section lists new standards, new editions (including adoptions), and special publications that have been published since the last issue of *Info Update*. To place your order call 1-800-463-6727 or visit our Online Store at <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; 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

New Standards – New Editions – Special Publications

A257 Series-09, 5th edition

Standards for Concrete Pipe and Manhole Sections

Paper.....	\$140
PDF	\$125

This series consists of the following standards:

- **A257.0-09**, *Methods for Determining Physical Properties of Circular Precast Concrete Pipe, Manhole Sections, Catch Basins, and Fittings.*
- **A257.1-09**, *Non-Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe, and Fittings.*
- **A257.2-09**, *Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe, and Fittings.*
- **A257.3-09**, *Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections, and Fittings Using Rubber Gaskets.*
- **A257.4-09**, *Precast Reinforced Circular Concrete Manhole Sections, Catch Basins, and Fittings.*

B137 Series-09, 4th edition

Thermoplastic Pressure Piping Compendium

Paper.....	\$440
PDF	\$400

This series consists of the following standards:

- **B137.0-09**, *Definitions, General Requirements, and Methods of Testing for Thermoplastic Pressure Piping.* This standard specifies requirements for thermoplastic pressure piping. It includes reference publications, definitions, abbreviations, general requirements for materials and manufactured pipe and fittings, relevant test methods, and marking requirements.
- **B137.1-09**, *Polyethylene (PE) Pipe, Tubing, and Fittings for Cold-Water Pressure Services.* This standard covers polyethylene (PE) pipe, tubing, and fittings for use in potable cold-water supply services or other applications such as water-based ground source geothermal systems.



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

B137 Series-09 (cont'd)

- **B137.2-09**, *Polyvinylchloride (PVC) Injection-Moulded Gasketed Fittings for Pressure Applications*. This standard covers rigid polyvinylchloride (PVC) injection-moulded fittings that have gasketed joints and are intended for use in pressure applications such as water mains, water service piping, process piping, and fire lines. Fittings covered by this standard are suitable for use with PVC pipes having outside diameter dimensions of cast iron pipe. Only one pressure rating, 1620 kPa (Class 150), covered in this standard is suitable for use with compatible outside diameter PVC pipes having a dimension ratio (DR) of 18 or more.
- **B137.3-09**, *Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications*. This standard covers rigid polyvinylchloride (PVC) pipe and fittings intended for use in pressure applications such as water mains, water service piping, and process piping. The fittings covered by this standard include moulded, solvent-cemented, gasketed, or threaded fittings, and fittings that have been fabricated for use with any joining method.
- **B137.3.1-09**, *Molecularly Oriented Polyvinylchloride (PVCO) Pipe for Pressure Applications*. This standard covers molecularly oriented polyvinylchloride (PVCO) pipe intended for use in pressure applications such as water mains, sewer force mains, and process piping. PVCO complying with this standard is not suitable for solvent cementing and is intended to be joined by gasketed joints.
- **B137.4-09**, *Polyethylene (PE) Piping Systems for Gas Services*. This standard covers polyethylene (PE) pipe, tubing, and fittings for use in gas mains and services, including gathering, transmission, and distribution of fuel gases containing not more than 1% aromatic hydrocarbons.
- **B137.4.1-09**, *Electrofusion-Type Polyethylene (PE) Fittings for Gas Services*. This standard covers socket- and saddle-type polyethylene (PE) electrofusion fittings that are used to join PE pipe where the heat source is an integral part of the fitting. PE electrofusion fittings covered by this standard are intended for use with PE pipe that complies with CSA B137.4.
- **B137.5-09**, *Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications*. This standard specifies requirements for crosslinked polyethylene (PEX) tubing systems, comprised of tubing and fittings. Tubing covered by this standard is made in Standard Dimensional Ratio 9 (SDR 9). Systems are pressure rated at three temperatures: 1105 kPa at 23 °C, 690 kPa at 82 °C, and 550 kPa at 93 °C, with a maximum working pressure of 690 kPa at 82 °C. Systems are intended for use in potable water distribution systems or other applications, including municipal water service lines, reclaimed water distribution, radiant panel heating systems, hydronic baseboard heating systems, snow and ice melting heating systems, building services piping, compressed air distribution, and ground source geothermal systems, provided that the PEX tubing systems covered herein comply with the applicable code requirements. Residential and commercial systems are included.



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

B137 Series-09 (cont'd)

- **B137.6-09**, *Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing, and Fittings for Hot- and Cold-Water Distribution Systems*. This standard covers chlorinated polyvinylchloride (CPVC) pipe, tubing, and fittings having standard dimension ratio 11 (SDR 11), and Schedules 40 and 80 pipe in pipe sizes whose dimension ratio does not exceed 11, for use in hot- and cold-water distribution systems at a maximum working pressure of 690 kPa and a maximum working temperature of 82 °C.
- **B137.8-09**, *Polybutylene (PB) Piping Systems for Pressure Applications*. This standard covers polybutylene (PB) pipe, tubing, and fittings. Nominal pipe sizes (NPS) covered are NPS-1/4 to NPS-2. Fittings covered include insert-type fittings, socket fusion fittings, plastic-to-metal transition fittings, and compression-type fittings. Pipes, tubing, and fittings covered by this standard are intended for use in pressure applications such as hot and cold potable and nonpotable water distribution systems operating at a maximum pressure of 690 kPa and at a maximum temperature of 82 °C.
- **B137.9-09**, *Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems*. This standard covers polyethylene/aluminum/polyethylene (PE-AL-PE) macrocomposite pipe consisting of a welded aluminum tube laminated by a melt adhesive to layers of polyethylene (PE) inside and outside the aluminum tube. The pipes covered in this standard are pressure rated for 1380 kPa at 23 °C, 1035 kPa at 60 °C, or 690 kPa at 82 °C. Systems are intended for use in potable water distribution systems or other applications, including municipal water service lines, reclaimed water distribution, radiant panel heating systems, hydronic baseboard heating systems, snow and ice melting systems, building services piping, compressed air distribution, ground source geothermal systems, underground irrigation, and gas distribution, provided that the PE-AL-PE systems comply with the applicable code requirements. Residential and commercial systems are included.
- **B137.10-09**, *Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems*. This standard covers crosslinked polyethylene/aluminum/crosslinked polyethylene (PEX-AL-PEX) macrocomposite pipe consisting of a welded aluminum (AL) tube laminated by a melt adhesive to layers of crosslinked polyethylene (PEX) inside and outside the aluminum tube. This standard also covers fittings (connectors) for use with PEX-AL-PEX pipe. The pipes covered in this standard are pressure rated for 1380 kPa at 23 °C or 860 kPa at 82 °C, or both. Systems are intended for use in potable water distribution systems or other applications, including municipal water service lines, reclaimed water distribution, radiant panel heating systems, hydronic baseboard heating systems, snow and ice melting systems, building services piping, compressed air distribution, ground source geothermal systems, underground irrigation, and gas distribution, provided that the PEX-AL-PEX systems comply with the applicable code requirements.



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

B137 Series-09 (cont'd)

- **B137.11-09**, *Polypropylene (PP-R) Pipe and Fittings for Pressure Applications*. This standard covers pipe and fittings made of random copolymerized polypropylene (PP-R) intended for use in pressure applications such as hot and cold potable water distribution systems, process piping, reclaimed/recycled water systems, water service, and geothermal systems. Piping system components covered by this Standard are made in four standard dimension ratios (SDR 5, 6, 7.3, and 11), in sizes NPS-3/8 to NPS-10, and are joined using socket-type heat-fusion joints, saddle welding joints, electrofusion joints, and butt welding. SDR 11 piping systems covered by this standard are intended for use only in cold water systems or heating systems operating at 205 kPa or less.
- **B137.12-09**, *Polyamide-11 (PA-11) Piping Systems for Gas Services*. This standard covers polyamide-11 (PA-11) pipe, tubing, and fittings for use in gas mains and services, including the gathering, transmission, and distribution of gases that can contain aromatic hydrocarbons. This standard covers all types of fittings and connections used in PA-11 piping systems for gas services, including plastic-to-metal transition fittings, plastic component fittings (e.g., elbows, tees, end caps, and valves), and clamps and couplings.

Amendments

CAN/CSA-S406-92 (R2008)

Construction of Preserved Wood Foundations

Revision of Clause 8.3.

Z240 MH Series-09

Manufactured Homes

The following revisions have been made to the series:

- **Z240.0.1**: Revision of Clauses 6(i) and 7(d)
- **Z240.2.1**: Revision of Table 9.

Modifications publiées en français

CAN/CSA-S406-92 (C2008)

Construction des fondations en bois traité

Des modifications ont été apportées à l'article 8.3.

Reaffirmed Standards

CAN/CSA-A123.16-04 (R2009)

Asphalt-Coated Glass-Base Sheets

A123.17-05 (R2009)

Asphalt Glass Felt Used in Roofing and Waterproofing

CAN/CSA-B45.11-04 (R2009)

Glass Lavatories

W47.2-M1987 (R2009)

Certification of Companies for Fusion Welding of Aluminum

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
December 31, 2009	Publication of ASME A112.19.3-2008/ CSA B45.4-08, <i>Stainless Steel Plumbing Fixtures.</i>	Plumbing Products No. 198
December 31, 2009	Publication of ASME A112.19.2-2008/ CSA B45.1-08, <i>Ceramic Plumbing Fixtures.</i>	Plumbing Products No. 200
March 1, 2010	Publication of ASME A112.19.1-2008/ CSA B45.2-08, <i>Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures.</i>	Plumbing Products No. 199
June 1, 2010	Publication of CSA B137 Series-05, <i>Thermoplastic Pressure Pipe Compendium.</i>	Plumbing Products No. 193