

CERTIFICATION Notice

An Urgent Bulletin from CSA Group

Plumbing Products No. 310

Effective Date: January 17, 2020

Date: October 4, 2018

Apply Before January 17, 2019

Announcing: Publication of CSA B1800 - 18 Thermoplastic Non-Pressure Piping Compendium

See Attachment 1 for affected Class Numbers.

To purchase the Standard, visit us at store.csagroup.org

Who is affected?

Manufacturers of thermoplastic non-pressure piping system.

What do you do?

1. CSA Group Service Delivery staff will contact you to address compliance with each revision as applicable to the product designs covered in your affected Certification Reports. In addition to updates to your Certificate(s) of Compliance & Report(s), testing may be required to comply with these revisions.
2. Please respond within thirty (30) days of receiving CSA Group's "Application for CSA Certification Services" and "Quotation" communication. You must respond no later than January 17, 2019 in order to guarantee the update to your certification is completed by January 17, 2020. If testing is needed, we will inform you of the samples required.

Major Revisions:

CSA Group is pleased to announce the publication of CSA B1800 – 2018 "Thermoplastic non-pressure piping compendium".

The new standard contains numerous changes from the previous version CSA B1800 -15 Update # 3, as outlined in Attachment 2.

See attachment 2

Background and Rationale:

CSA group is adopting 2018 edition of the CSA B1800 Series standard as the new basis for certification of thermoplastic non-pressure pipe products for Canada. There are numerous changes from previous edition of the standard, and therefore testing may be required to update some previously certified products.

For questions specific to your file or products contact your CSA Group technical staff associate.

Go to <http://www.csagroup.org/services/testing-and-certification/product-listing/> and enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

For technical questions on this Certification Notice

Contact Amit Lathia
by phone (216) 524-4990 x88148, fax 216-642-3081
or e-mail Amit.Lathia@csagroup.org

The standard edition or amendments announced in this Notice may be used for certification as of the date of issue of this Notice. The "Effective date" in this Notice is the date on which the current requirements, applicable to Certified products listed in the affected class numbers, expire and the standard edition or amendments announced in this Notice become the only requirements that may be used for certification.

In the event that currently certified products do not comply with the latest requirements outlined in this Notice after the "effective date", the certification of such models may be discontinued.



Visit us at www.csagroup.org where you can click on "Contact Us" for the online phone listing of our Offices and Partners.

ATTACHMENT 1

Affected Class Numbers

Class No:

- 7612 01, PLASTIC PIPE - Drain Waste and Vent Pipe
- 7617 01, PLASTIC PIPE - Laboratory Drainage
- 7621 01, PLASTIC PIPE - Polyolefin Compounds
- 7622 01, PLASTIC PIPE - ABS Compounds
- 7622 02, PLASTIC PIPE - ABS Blending Resins
- 7623 01, PLASTIC PIPE - Vinyl Compounds
- 7632 01, PLASTIC PIPE - Drain Waste and Vent Fittings
- 7633 01, PLASTIC PIPE - Drain and Sewer Fittings
- 7636 01, PLASTIC PIPE - Drain and Sewer Pipe
- 7641 01, PLASTIC PIPE - Solvent Cements
- 7672 01, PLASTIC PIPE - Elastomeric Compounds
- 7632 02, PLASTIC PIPE - Drain Waste and Vent Expansion Joints

ATTACHMENT 2

Major Revisions

Standard	Product	Clause(s)	Revisions due to CSA B1800 - 18
B181.0	Definitions, general requirements, and methods of testing for thermoplastic non-pressure piping	2	<p>Reference Publications:</p> <p>Removed reference to following publications CSA B1800 -14, CSA B181.0 – 14, CSA B182.2 -14, CSA B182.4 -14, CSA B182.6 -14, CSA B182.11 -14, ASTM D4703 – 10a, ASTM D5033, ASTM D5397 -07(2012), ASTM D7209 – 06</p> <p>In addition to this following publications are updated with newer version:</p> <p>CAN/CSA-B602-10 replaced with CAN-CSA B602-16</p> <p>ASME B1.5-1997(R2009) replaced with ASME B1.5 – 1997(R2014)</p> <p>ASTM A653/653M-13 replaced with ASTM A653/653M-15e1</p> <p>ASTM A1008/A1008M -13 replaced with ASTM A1008/A1008M -16</p> <p>ASTM A1011/A1011M-14 replaced with ASTM A1011/A1011M-17</p> <p>ASTM B117-11 replaced with ASTM B117-16</p> <p>ASTM D395 -03 (2008) replaced with ASTM D395 -16e1</p> <p>ASTM D412 – 06a (2013) replaced with ASTM D412 – 16</p> <p>ASTM D471 – 12a replaced with ASTM D471 – 16</p> <p>ASTM D2235-04 (2011) replaced with ASTM D2235-04 (2016)</p> <p>ASTM D2240 – 05(2010) replaced with ASTM D2240 – 15</p> <p>ASTM D2321-11 replaced with ASTM D2321-14e1</p> <p>ASTM D2657 – 07 replaced with ASTM D2657 – 07 (2015)</p> <p>ASTM D2855 – 96 (2010) replaced with ASTM D2855 – 15</p> <p>ASTM D2990 -09 replaced with ASTM D2990 -17</p> <p>ASTM D3138 -04 (2011) replaced with ASTM D3138 -04 (2016)</p> <p>ASTM D3222 -05 (2010) replaced with ASTM D3222 -05 (2015)</p> <p>ASTM D3350 – 12^e1 replaced with ASTM D3350 – 14</p> <p>ASTM D3965-05 replaced with ASTM D3965-16</p>

Standard	Product	Clause(s)	Revisions due to CSA B1800 - 18
			ASTM D4101-14 replaced with ASTM D4101-14e2 ASTM D4218-96 (2008) replaced with ASTM D4218-15 ASTM D6147 – 97(2008)e1 replaced with ASTM D6147 – 97(2014) ASTM D6992 – 03(2009) replaced with ASTM D6992 – 16 ASTM E4-13 replaced with ASTM E4-16 ASTM F412 – 13 replaced with ASTM F412 – 17a ASTM F493-10 replaced with ASTM F493-14 ASTM F610/F610M -10 replaced with ASTM F610/F610M -15 ASTM F656 -10 replaced with ASTM F656 -15 ASTM F1057 – 10 replaced with ASTM F1057 – 17 ASTM F1417 - 11a replaced with ASTM F1417 - 11a (2015) ASTM F2136 – 08 replaced with ASTM F2136 – 08 (2015) ASTM F2736-13 replaced with ASTM F2736-13e1 ASTM F2764/F2764M- 11ae1 replaced with ASTM F2764/F2764M- 17e1 CAN/ULC –S115-11 replaced with CAN/ULC –S115-11 (R2016)
B181.1	Acrylonitrile- butadiene- styrene (ABS) drain, waste, and vent pipe and pipe fittings	--	No Changes
B181.2	Polyvinylchloride (PVC) and chlorinated polyvinylchloride (CPVC) drain, waste, and vent pipe and pipe fittings	--	No Changes
B181.3	Polyolefin and polyvinylidene fluoride (PVDF) laboratory drainage systems	--	No Changes
B181.5	Coextruded acrylonitrile-butadiene- styrene/polyvinylchloride (ABS/PVC) drain, waste, and vent pipe	--	No Changes
B182.1	Plastic drain and sewer pipe and pipe fittings	--	No Changes
B182.2	PSM type polyvinylchloride (PVC) sewer pipe and fittings	--	No Changes
B182.4	Profile polyvinylchloride (PVC) sewer pipe and fittings	Table 6	added sizes up to 60 NPS
		Table B.2	added 54 and 60 NPS
B182.6	Profile polyethylene (PE) sewer pipe and fittings for leak-proof sewer applications	8.2.1	Split section 8.2.1, with section 8.2.1 now has flattening requirements
		8.2.2	Section 8.2.2 has buckling requirement. Also revised equation 1 and 2 for percent deflection to be taken for pipe when performing buckling test.
		8.2.3	Section is now titled as Test evaluation

Standard	Product	Clause(s)	Revisions due to CSA B1800 - 18
		8.2.4	This section is now titles as Retesting
B182.8	Profile polyethylene (PE) storm sewer and drainage pipe and fittings	8.2.1	Split section 8.2.1, with section 8.2.1 now has flattening requirements
		8.2.2	Section 8.2.2 has buckling requirement. Also revised equation 1 and 2 for percent deflection to be taken for pipe when performing buckling test.
		8.2.3	Section is now titled as Test evaluation
		8.2.4	This section is now titles as Retesting
B182.11	Standard practice for the installation of thermoplastic drain, storm, and sewer pipe and fittings	--	No Changes
B182.13	Profile polypropylene (PP) sewer pipe and fittings for leak-proof sewer applications	8.2.1	Split section 8.2.1, with section 8.2.1 now has flattening requirements
		8.2.2	Section 8.2.2 has buckling requirement. Also revised equation 1 and 2 for percent deflection to be taken for pipe when performing buckling test.
		8.2.3	Section is now titled as Test evaluation
		8.2.4	This section is now titles as Retesting
B182.14	Profile steel reinforced polyethylene (SRPE) storm sewer pipe and fittings	--	No Changes
B182.15	Profile steel reinforced polyethylene (SRPE) storm sewer pipe and fittings	--	No Changes