Summary of Substantive Changes
between the 2015 and the 2018 editions of
CSA B1800 “Thermoplastic non-pressure piping compendium”

Presented to the IAPMO Standards Review Committee on May 7, 2018

General: The changes to this standard may have an impact on currently listed products. The changes are as follows:

- Referenced publications in CSA B181.0 were updated to the current editions (see CSA B181.0, Section 2)
- There were no significant technical changes to the text in CSA B181.1 or CSA B181.2.

Note: This summary of changes accounts for component standards of the CSA B1800 compendium currently used for listed products as follows:

- CSA B181.0 “Definitions, general requirements, and methods of testing for thermoplastic nonpressure piping”
- CSA B181.1 “Acrylonitrile-butadiene-styrene (ABS) drain, waste, and vent pipe and pipe fittings”
- CSA B181.2 “Polyvinylchloride (PVC) and chlorinated polyvinylchloride (CPVC) drain, waste, and vent pipe and pipe fittings”

The remaining standards in this compendium are not used for product listing at this time and have not been reviewed as part of this summary of changes.

Reference publications:

- Reference publications were added, removed or updated as follows:
  - CSA Group
    - B1800-14 “Thermoplastic nonpressure piping compendium”
    - B181.0-14 “Definitions, general requirements, and methods of testing for thermoplastic nonpressure piping”
    - B182.2-14 “PSM type polyvinylchloride (PVC) sewer pipe and fittings”
    - B182.4-14 “Profile polyvinylchloride (PVC) sewer pipe and fittings”
    - B182.6-14 “Profile polyethylene (PE) sewer pipe and fittings for leak-proof sewer applications”
    - B182.11-14 “Standard practice for the installation of thermoplastic drain, storm, and sewer pipe and fittings”
  - CSA Group
    - B602-1016 “Mechanical couplings for drain, waste, and vent pipe and sewer pipe”
  - ASME (The American Society of Mechanical Engineers)
  - ASTM International
    - A653/A653M-1315 “Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process”
A1008/A1008M-13*16 “Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable”
A1011/A1011M-14*17 “Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength”
B117-11*16 “Standard Practice for Operating Salt Spray (Fog) Apparatus”
D471-12a*16 “Standard Test Method for Rubber Property — Effect of Liquids”
D2321-11*14 “Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications”
D2990-09*17 “Standard Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics”
D3350-12e14 Standard Specification for Polyethylene Plastics Pipe and Fittings Materials
D4101-14*3 Standard Specification for Propylene Injection and Extrusion Materials
D4218-06 (2008)*15 Standard Test Method for Determination of Carbon Black Content in Polyethylene Compounds by the Muffle-Furnace Technique
D4703-10a Standard Practice for Compression Molding Thermoplastic Materials into Test Specimens, Plaques, or Sheets
D7209-06 Standard Guide for Waste Reduction, Resource Recovery, and Use of Recycled Polymeric Materials and Products
E4-13*16 Standard Practices for Force Verification of Testing Machines
F412-13*17a Standard Terminology Relating to Plastic Piping Systems
F610/F610M-15 Standard Test Method for Evaluating the Quality of Molded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings by the Heat Reversion Technique
F1057-10 17 Standard Practice for Estimating the Quality of Extruded Poly(Vinyl Chloride) (PVC) Pipe by the Heat Reversion Technique
F2736-13 Standard Specification for 6 to 30 in. (152 to 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe
F2764/F2764M-11e1 Standard Specification for 30 to 60 in. [750 to 1500 mm] Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications

ULC (Underwriters Laboratories of Canada)
CAN/ULC-S115-11 (R2016) Standard Method of Fire Test of Firestop Systems