Summary of Substantive Changes between the 2015 and 2020 editions of
ASME A112.18.2/CSA B125.2 “Plumbing Waste Fittings”

Presented to the IAPMO Standards Review Committee on September 15, 2020

General: The changes to this standard should not have an impact on currently listed products. The significant change is:
- Added polyethylene terephthalate (PBT) as an acceptable material for plastic tubular fittings (see Section 4.1.3)

Section 2, Reference publications: Reference publications have been added, revised, or deleted as follows:

**ASME (The American Society of Mechanical Engineers)/CSA Group**
- ASME A112.18.1-2012/2018/CSA B125.1-1218
  Plumbing supply fittings
- ASME A112.18.6-2009/2017/CSA B125.6-0917
  Flexible water connections

**ASME (The American Society of Mechanical Engineers)**
  Pipe Threads, General Purpose, Inch
- B16.23-20142016
  Cast Copper Alloy Solder Joint Drainage Fittings: DWV
- B16.29-20122017
  Wrought Copper and Wrought Copper Alloy Solder — Joint Drainage Fittings — DWV

**CSA Group**
- B125.3-1218
  Plumbing fittings
- B1800-1418
  Thermoplastic nonpressure piping compendium
- CAN/CSA-B181.1-1418
  Acrylonitrile-butadiene-styrene (ABS) drain, waste, and vent pipe and pipe fittings
- CAN/CSA-B181.2-1418
  Polyvinylchloride (PVC) and chlorinated polyvinylchloride (CPVC) drain, waste, and vent pipe and pipe fittings
- B602-1016
  Mechanical couplings for drain, waste, and vent pipe and sewer pipe

**ASTM International (American Society for Testing and Materials)**
- A48/A48M-03 (2008)[2016]
  Standard Specification for Gray Iron Castings
Section 3, Definitions and abbreviations: Definitions and abbreviations were added as follows:

**3.1 Definitions**

*Overflow* — a conduit that is integral or attached to a fixture and whose function is to remove liquid from a fixture after the fixture has been filled past the desired level.

**3.2 Abbreviations**

*PBT* — *polybutylene terephthalate*
Section 4, General requirements: Added polybutylene terephthalate (PBT) as an acceptable material for plastic tubular fittings as follows:

4.1.3 Plastic tubular waste fittings

Plastic tubular waste fittings shall be made of acrylonitrile-butadiene-styrene (ABS), polypropylene (PP), or polyvinylchloride (PVC), or polybutylene terephthalate (PBT), and shall comply with or exceed one or more of the following cell classifications:

a) ABS for fittings and mechanical joints: cell classification 20211 in ASTM D3965;

b) ABS for tubes: cell classification 42222 in ASTM D3965;

c) reinforced PP: cell classification PP0105G20A33350 in ASTM D4101;

d) unreinforced PP:
   i) cell classification PP0110B55140 in ASTM D4101; or
   ii) cell classification 55230 or higher in Table B of ASTM D4101;

e) PVC: cell classification 12454 or 14333 in ASTM D1784; or

f) PBT: cell classification TPES 0113 in ASTM D5927.