



**Summary of Substantive Changes  
between the 2017 and the 2021 edition of  
ASSE 1022 “Backflow Preventer for Beverage Dispensing Equipment”**

**Presented to the IAPMO Standards Review Committee on June 14, 2021**

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

- Changed the test specimen requirements to one device of each size, and failure shall be determined by the certifying body (see Section 2.0)
- Expanded the scope to include flare connections (see Section 4.2.5.4)

Section 1.3, Reference Standards:

- ASME B1.20.1-2013 ([R2018](#)), Pipe Threads, General Purpose (Inch)
- ASME B1.20.3-1976 (~~R2013~~ [R2018](#)), Dryseal Pipe Threads (Inch)
- CFR Title 21, Section 177, Food and Drugs: Indirect Food Additives: Polymers
- ISA 75.02.01-2008 (IEC 60534-2-3 Mod), Control Valve Capacity Test Procedures
- NSF Standard 18-~~2012~~[2016](#), Manual Food and Beverage Dispensing Equipment
- NSF Standard 61-~~2015~~[2020](#), Drinking Water System Components – Health Effects
- [SAE J512-2017, Automotive Tube Fittings](#)
- [SAE J513-2019, Refrigeration Tube Fittings - General Specifications](#)

Section 2.0, Test Specimens: Changed the test specimen requirements to one device of each size, and failure shall be determined by the certifying body as follows:

**2.0 Test Specimens**

**~~2.1 Samples Submitted for Test~~**

~~Three (3) devices of each model and type shall be submitted by the manufacturer.~~

**~~2.2 Samples Tested~~**

~~The testing agency shall select one (1) of each type and each size for the full test. Tests shall be performed in the order listed on one (1) device of each type and each size submitted.~~

**~~2.3 Drawings~~**

~~Assembly drawings and other data that is needed to enable a testing agency to determine compliance with this standard, together with installation drawings, shall accompany devices when submitted for examination and performance tests under this standard.~~

**~~2.4 Rejection~~**

~~Failure of one (1) device shall result in a rejection of that type or size.~~

~~Number of samples required is determined by the laboratory or certification body.~~

Section 4.2, Design and Construction: Expanded the scope to include flare connections as follows:

**4.2.5.4 Flare Connections**

Flare connections shall be compatible with SAE J512 or SAE J513.