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ASSE International Publishes Revised Performance Requirements for Beverage Dispensing Equipment Backflow Preventers

Mokena, Ill. (July 19, 2017) — ASSE 1022-2017, *Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment*, has been designated as an American National Standard by the American National Standards Institute (ANSI) and is now available for purchase.

Backflow preventers for beverage-dispensing equipment are engineered for installation in carbonated post-mix dispensing systems. ASSE 1022 covers backflow prevention devices designed to protect the potable water supply that serves beverage-dispensing equipment, and is intended for devices used under continuous or intermittent pressure conditions.

"Concerns were raised that by itself, a dual check valve for beverage-dispensing equipment will not show any visible indication of failure," said Dale Tripp, ASSE 1022 Working Group Chairperson and Vice President and General Manager at Anderson Brass Company. "These concerns have been addressed with ASSE 1022, which requires two check valves and an atmospheric vent to be used. For products complying with this standard, if there is failure of the downstream check and the backpressure exceeds the supply pressure, the vent will discharge, giving a visual indication of the check valve's failure. With the initial inception of ASSE 1022 in 1999, and adoption by all national and most state and local codes since, this update is critical as the use of ASSE 1022 vented dual checks has become universal throughout North America."

This 2017 revision of ASSE 1022 added a requirement that no copper alloys be used when in contact with the carbonated water, clarified the requirements for the maximum working pressure, and clarified many other procedural descriptions.

Requirements in ASSE 1022 include minimum flow rates, inlet and outlet connections, pressure and temperature ranges, performance requirements and compliance testing for hydrostatic pressure, check valve sealing, endurance and cycle testing, and requirements for materials, toxicity, design and construction – among others.

To purchase the 2017 edition of ASSE 1022, please visit the ASSE International Webstore at <http://stores.assewebstore.com/>. For questions regarding the standard, contact Staff Engineering Supervisor Conrad Jahrling by email at conrad.jahrling@asse-plumbing.org or by phone at (708) 995-3017.

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