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**ASSE International Publishes Revised Performance Requirements
for Chemical Dispensing Systems with Integral Backflow Protection**

Mokena, Ill. (Feb. 14, 2019) — ASSE 1055-2018, *Performance Requirements for Chemical Dispensing Systems with Integral Backflow Protection*, has been designated as an American National Standard by the American National Standards Institute (ANSI) and is now available for purchase.

Chemical dispensing systems with integral backflow protection provide a means of mixing potable water with chemicals to provide the user with a chemical solution that is ready for use. In industrial and institutional cleaning operations, it is desirable and convenient to dispense cleaning solutions derived from potable water and concentrated products; however, a dispensing device connected directly to the potable supply constitutes a cross-connection, which could be a source of contamination to the potable water. ASSE 1055 identifies accepted methods of backflow protection, as well as test methods for evaluating backflow systems incorporated into a chemical dispensing system.

"This revision clarified the title of the standard to explicitly state that a backflow preventer that protects the public from high hazard contaminations is internal to any 1055-compliant device," said Tsan-Liang Su, PhD, Chairperson of the ASSE International Product Standards Committee. "There was some confusion in the marketplace regarding what a 1055-compliant chemical dispenser is comprised of, and this is a specific response to that. No other substantive changes were made to the standard. We are looking forward to the next revision of this standard being co-developed with IAPMO as a bi-national U.S. and Canadian National Standard through the ANSI and Standards Council of Canada (SCC) processes."

Performance requirements in ASSE 1055 include compliance testing for stability, endurance, backpressure and backsiphonage, deterioration at temperature and pressure extremes, and detailed requirements for markings, and installation, operation, and maintenance instructions.

To purchase ASSE 1055-2018, please visit the ASSE International Webstore at www.asswebstore.com. For questions regarding the standard, contact Staff Engineering Supervisor Conrad Jahrling at conrad.jahrling@asse-plumbing.org or (708) 995-3017.

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