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Contact: Conrad Jahrling
(708) 995-3017

conrad.jahrling@asse-plumbing.org

ASSE International Publishes Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water

Mokena, Ill. (Dec. 17, 2018) — ASSE 1087-2018, *Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water*, has been designated as an American National Standard by the American National Standards Institute (ANSI) and is now available for purchase.

ASSE 1087's scope includes plumbed-in water treatment devices and components — point of entry and point of use — that are used in businesses, schools, churches, hotels, and restaurants to improve the quality of the water. The standard covers all water treatment products that are connected to the building's plumbing system for potable water. Examples of water treatment equipment include deionizers, filters, softeners, reverse osmosis equipment, ultraviolet systems, ozone systems, and distillers. The standard is not intended to cover products used for wastewater applications, process water, or residential water treatment.

"For decades, the water treatment industry has struggled to compose an outline for an all-encompassing performance standard to cover commercial water treatment equipment," said Tom Palkon, ASSE Executive Director / IAPMO Executive V.P. of Water Systems. "Regulators and inspectors around the United States and throughout Canada have typically relied on first party performance data when approving the use of commercial water treatment equipment in buildings. The water treatment industry, with the help of ASSE International's standards development team, have filled this performance standard gap with its newly published ASSE 1087 standard."

Performance requirements in ASSE 1087 include compliance testing for service flow and pressure drops, backsiphonage and bypass flow capacity during system regeneration, structural integrity, 24-hour pressure losses, 100,000-cycle (20-year life) testing, and material safety testing to existing standards, such as NSF/ANSI 61: *Drinking Water System Components – Health Effects*, and NSF/ANSI 372: *Drinking Water System Components – Lead Content*.

To purchase ASSE 1087-2018, please visit the ASSE International webstore at www.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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ASSE International is an ANSI-accredited standards developer and product certification body composed of members representing all disciplines of the plumbing and mechanical industries.

ASSE's product performance standards, professional qualifications standards, professional certification and product listing programs aim to improve the performance and safety of plumbing and mechanical systems. Learn more about ASSE International at <http://www.asse-plumbing.org>.