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**ASSE International Publishes Two New Listing Evaluation Criteria (LEC)
Documents for Drinking Water Treatment Systems**

Mokena, Ill. (Aug. 19, 2019) — ASSE International has published two new Listing Evaluation Criteria (LEC) documents – ASSE LEC 2004-2019, *Drinking Water Treatment Systems Using Air as a Source*, and ASSE LEC 2006-2019, *Point of Entry Reverse Osmosis Systems*.

ASSE LEC 2004 systems, also known as atmospheric water generators, are used to produce drinking water by using humidity as a source. Typical applications include areas where water is scarce or where water supplies are of unknown quality. To become a source of drinking water under ASSE LEC 2004, the water from air should be safe to the consumer and produced for a reasonable cost so that it's affordable. Atmospheric water generation becomes a real source of water supply in places where tap water is not available, or where the quality of tap water does not meet consumer requirements.

"Water conservation continues to be an important role for the plumbing and water treatment industry," said Tom Palkon, ASSE International Executive Director. "As major droughts and deteriorating access to safe drinking water continue to affect countries around the world, new technologies continue to emerge in order to provide safe drinking water. Creating ASSE LEC 2004 was necessary to help ensure that these products produce potable water of appropriate quality."

ASSE LEC 2006 Point of Entry (POE) Reverse Osmosis (RO) systems are used to treat and improve water quality as well. RO water treatment equipment reduces total dissolved solids, heavy metals, microbes, inorganics, and organic water contaminants, and are typically installed after the water meter in residences or businesses. These systems use a variety of membrane sizes based on the design of the system. ASSE LEC 2006 covers systems that produce a product flow rate of at least 2.0 gpm (7.6 L/min) out of the system.

"ASSE LEC 2006 complements ASSE 1087, *Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water*, by providing test protocols to evaluate the contaminant reduction performance of the POE system," said Conrad Jahrling, ASSE International Staff Engineering Supervisor. "ASSE LECs establish the initial rules and performance requirements for unique products in the marketplace and offer the opportunity for new devices to gain traction in the marketplace when combined with third-party certification."

To purchase ASSE LEC 2004-2019 or ASSE LEC 2006-2019, please visit the ASSE International Webstore at www.asswebstore.com. For questions regarding the LEC, contact Staff Engineering Supervisor Conrad Jahrling at (708) 995-3017 or by email at conrad.jahrling@asse-plumbing.org.

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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/>.