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**ASSE International Publishes Revised Performance Requirements
for Dual Check Backflow Preventers**

Mokena, Ill. (March 22, 2018) — ASSE 1024-2015, *Performance Requirements for Dual Check Backflow Preventers*, has been designated as an American National Standard by the American National Standards Institute (ANSI) and is now available for purchase.

ASSE 1024 dual check valves consist of two independently acting check valves, internally force loaded to a normally closed position. Their purpose is to keep polluted water from flowing back into the potable water system when pressure is temporarily higher in the polluted part of the system than in the potable water piping. ASSE 1024 devices are intended to protect the potable water supply from low hazard pollution at residential service lines and individual outlets and are intended for cold water service under continuous or intermittent pressure conditions. Usage with hot water is limited to the temperature specified by the manufacturer.

"In modern plumbing systems, there are many situations where backflow could occur due to backpressure conditions," said Staff Engineering Supervisor Conrad Jahrling. "In some cases, the backflow of pollutants into the potable water system would make the water undesirable, yet not a health hazard to the people consuming it. ASSE 1024 dual check backflow preventers would be suitable for situations like this, as they are intended to protect the potable water supply from low hazard pollution at residential service lines and individual outlets. In cases where backflow of pollutants into the potable water system could cause serious health concerns, high hazard protection would be required."

Performance requirements in ASSE 1024 include compliance testing for torque, deterioration at maximum rated temperature and pressure, hydrostatic leakage of check valves, flow and pressure loss, drip tightness of check valves, check valve operation, dual check valve integrity at maximum intermittent rated flow, and requirements for materials, repairability, and instructions for marking and installation.

To purchase the 2018 edition of ASSE 1024, 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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