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**ASSE International Publishes Revised Performance Requirements  
for Dual Check Backflow Preventer Wall Hydrants – Freeze Resistant Type**

**Mokena, Ill. (June 7, 2019)** — ASSE 1053-2019, *Performance Requirements for Dual Check Backflow Preventer Wall Hydrants – Freeze Resistant Type*, has been designated as an American National Standard by the American National Standards Institute (ANSI) and is now available for purchase.

ASSE 1053 establishes design and performance requirements for Freeze Resistant Dual Check Backflow Preventer Wall Hydrants, which protect the potable water supply against backsiphonage and backpressure without damage to the device due to freezing. To verify protection under the high hazard conditions present at threaded hose outlets, these devices must be field-testable.

ASSE 1053 devices are classified as Type A or Type B. Type A devices automatically drain water when the hydrant valve is closed and the hose is removed to prevent damage from freezing, and Type B devices automatically drain water with a hose removed or attached, end nozzle closed, and the hydrant valve closed.

"ASSE Standard 1011, *Performance Requirements for Hose Connection Vacuum Breakers*, was issued for hose bib vacuum breakers, which provide excellent backsiphonage protection with a single check valve and an atmospheric vent valve," said Herb Hoeptner, Chairperson of the ASSE 1053 Working Group and owner of Hoeptner Preferred Products. "This standard, ASSE 1053, focuses on devices containing two check valves — dual check backflow preventer wall hydrants. These devices provide both backsiphonage and low-head backpressure protection and are suitable for high hazard applications."

Performance requirements in ASSE 1053 include compliance testing for hydrostatic pressure, water flow capacity and pressure loss, deterioration at maximum rated temperature and pressure, resistance to bending, self-draining capabilities, backflow, backsiphonage, and backpressure, among other testing requirements.

To purchase ASSE 1053-2019, please visit the ASSE International Webstore at [www.assewebstore.com](http://www.assewebstore.com). For questions regarding the standard, contact Staff Engineering Supervisor Conrad Jahrling at [conrad.jahrling@asse-plumbing.org](mailto:conrad.jahrling@asse-plumbing.org) or (708) 995-3017.

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