

The Lake Charter Township Water System Cross Connection Control Program follows the Michigan State Plumbing Code, AWWA, EGLE and ASSE standards. Reduced pressure principle, double check, pressure vacuum breaker, reduced pressure detector fire protection, double check detector fire protection, and spill-resistant vacuum breaker backflow preventer assemblies and hose connection backflow preventers shall be tested at the **time of installation, immediately after repairs or relocation and at least annually**.

### **Michigan Plumbing Code 2018 Backflow Device Testing Information**

303.2 Installation of materials. Materials used shall be installed in strict accordance with the standards under which the materials are accepted and approved. **In the absence of such installation procedures, the manufacturer's instructions shall be followed.** Where the requirements of referenced standards or manufacturer's installation instructions do not conform to minimum provisions of this code, the provisions of this code shall apply.

312.10.2 Testing. Reduced pressure principle, double check, pressure vacuum breaker, reduced pressure detector fire protection, double check detector fire protection, and spill-resistant vacuum breaker backflow preventer assemblies and hose connection backflow preventers **shall be tested at the time of installation, immediately after repairs or relocation and at least annually**. The testing procedure shall be performed in accordance with one of the following standards: ASSE 5013, ASSE 5015, ASSE 5020, ASSE 5047, ASSE 5048, ASSE 5052, ASSE 5056, CSA B64.10 or CSA B64.10.1.

### **Manufacturer's Testing Frequency (example of actual manufactures instructions for different testable devices)**



Ames Model 3000SS Double Check Valve Assembly (DCV)

**WARNING** Need for Periodic Inspection/Maintenance: **This product must be tested periodically in compliance with local codes, but at least once per year or more as service conditions warrant.** If installed on a fire suppression system, all mechanical checks, such as alarms and backflow preventers, should be flow tested and inspected in accordance with NFPA 13 and/or NFPA 25. All products must be retested once maintenance has been performed. Corrosive water conditions, and/or unauthorized adjustments or repair could render the product ineffective for the service intended. Regular checking and cleaning of the product's internal components helps assure maximum life and proper product function.



Wilkins Model 800 Pressure Vacuum Breaker (PVB)

**WARNING** Need for Periodic Inspection/Maintenance: **This product must be tested periodically in compliance with local codes, but at least once per year or more as service conditions warrant.** All products must be retested once maintenance has been performed. Corrosive water conditions and/or unauthorized adjustments or repair could render the product ineffective for the service intended. Regular checking and cleaning of the product's internal and external components helps assure maximum life and proper product function.



Wilkins/Zurn Model 375XL Reduced Pressure Principle (RPZ)

All Model 375 Reduced Pressure Principle Backflow Preventers **must be inspected and maintained by licensed personnel at least once a year** or more frequently as specified by local codes. Replacement of worn or damaged parts must only be made with genuine "ZURN WILKINS" parts. The ZURN WILKINS Certificate of Limited Warranty provides that failure to do so "...releases ZURN WILKINS of any liability that it might otherwise have with respect to that device." Such failure could also result in an improperly functioning device.