**INSTALLATION REQUIREMENTS FOR BACKFLOW DEVICES**

1. **REDUCED PRESSURE PRINCIPLE DEVICE**
   a. at least 12 inches above grade.
   b. in a horizontal position with the relief valve discharging downward.
   c. readily accessible for inline service and test.

2. **PRESSURE TYPE VACUUM BREAKER**
   a. at least 12 inches above all downstream piping and water use.
   b. not subjected to any backpressure.
   c. readily accessible for inline service and test.

3. **ATMOSPHERIC TYPE VACUUM BREAKER**
   a. downstream of all valving.
   b. at least 6 inches above all downstream piping and water use.
   c. not subjected to backpressure.
   d. not under more than 12 hours continuous flow.

4. **DOUBLE CHECK VALVE ASSEMBLIES**
   a. at least 12 inches above grade.
   b. in a horizontal position.
   c. readily accessible for inline service and test.

   **Note:** Double check valve assemblies have very limited application. Water connections to looped domestic services, certain fire systems and meter service protection are examples of where they may be permitted.

5. **REDUCED PRESSURE PRINCIPLE BACKFLOW DEVICE**

**OTHER REQUIREMENTS**

1. Domestic water is required at all sanitary facilities, drinking fountains, emergency eyewash stations and safety showers.

2. All industrial water piping and outlets must be identified to clearly distinguish them from domestic water systems.

3. Quick couplers must be installed downstream of an approved reduced pressure principle device or pressure type vacuum breaker.

4. New testable backflow devices are to be tested upon installation by a certified backflow device tester and a report filed with this office. Thereafter, each device must be tested on an annual basis.

5. Technical assistance regarding backflow protection device installation and testing is available by calling (323) 881-4140.

   **Note:** As the department having jurisdiction, this Department shall rule what is acceptable as "readily accessible for service and test". Device installation above false ceilings, within confined spaces, or where flooding may occur are unacceptable.