



General Guidelines for Backflow

Backflow prevention assemblies must be accessible for regular testing and maintenance.

Backflow prevention assemblies must be tested annually by certified tester.

Bypassing backflow prevention assemblies is prohibited.

Backflow prevention assemblies must have freeze protection

Fire hydrant water usage must utilize RP Backflow

Type of assembly depends on hazard present

Moderate Hazard (Double Check Assembly):

- fire sprinkler systems without boosters pumps or chemical additives (Detector)
- commercial establishments

Severe Hazard (Reduced Pressure Principle Assembly):

- Fire sprinkler systems with boosters pumps or chemical additives (Detector)
- Lawn sprinkler systems
- Buildings with 3 or more stories above ground level
- Hospitals and medical facilities
- Morgues, and mortuaries
- Metal plating facilities
- Chemical processing facilities
- Swimming pools
- Wastewater Treatment plants
- Exterminator companies
- Facilities that have water connections to tanks of chemicals, sewage, lethal, or toxic substances