



2- Cross Connection Control Requirements

Examples of various backflow preventers available



Reduced Pressure Principle
Backflow Prevention Assembly (RPZ)



Double check
backflow (DC)



Double check
detector
assembly
(DCDA)



Hose bib
vacuum breaker



Outside spigot
with hose bib
vacuum breaker



Pressure
Vacuum
Breaker (PVB)



Dual check valve
for carbonated
beverage
machines



Residential
dual check
valve

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Requirements for cross connection control

An approved backflow prevention device shall be installed at the end of each service connection to the consumer's water system serving, but not necessarily limited to the following types of facilities:

- Hospitals, Mortuaries, Clinics, Veterinary establishments, medical buildings and Laboratories
- Piers docks, and waterfront facilities
- Sewage treatment plants sewage pumping stations or storm water pumping stations
- Food and beverage processing plants
- Chemical plants, dyeing plants and pharmaceutical plants
- Metal plating industries
- Petroleum or natural gas processing or storage plants
- Radioactive materials processing plants or nuclear reactors
- Car washes and laundries
- Lawn sprinkler systems and irrigation systems
- Fire Service systems
- Slaughter houses and processing plants
- Farms where the water is used for anything other than typical house hold use
- Green houses and nurseries
- Health Clubs with swimming pools, therapeutic baths, hot tubs or saunas
- Paper and paper products plants and printing plants
- Pesticide or exterminating companies
- Any vehicles with storage or mixing tanks
- Schools with laboratory facilities
- High rise building (4 units or more)
- Multi use commercial, office or warehouse
- Others specified by the surveyor or the division when reasonable cause can be shown for a potential backflow or cross connection hazard.

Our cross connection control program requires "containment"

