

8. Outlets, tees, taps or connections of any kind to or from the supply pipe between the water meter and the required backflow prevention assemblies will not be permitted. Such an occurrence may result in immediate discontinuance of water service.
9. Backflow prevention assemblies connected to the City water system shall be inspected and tested at least once in every twelve month period or more often if conditions warrant. Such tester shall be approved by the City Engineer. In the event a backflow prevention assembly fails a required test, the tester shall immediately notify the City Engineer and the owner or his authorized agent. Repairs to such assembly shall be corrected by the customer within the prescribed three (3) day period. Failure to correct such condition will result in termination of water service until such defects or conditions are corrected to the satisfaction of the City Engineer. If such failure presents an immediate hazard to the public water supply system, termination of service will be required immediately. Test methods shall be in accordance with the procedures outlined in the current use manual.
10. An approved backflow prevention assembly of the type designated below shall be installed according to applicable City Standards. These are common applications and not a complete listing. Variations in specific applications may increase required level of protection.

AG: Air Gap separations.

RP: Approved reduced pressure principal backflow prevention device.

DC: Approved double check valve assembly backflow prevention device.

(1) Air Conditioning Plants	RP
(2) Aircraft and Missile Plants	RP
(3) Automotive Plants	RP
(4) Auxiliary Water Systems or Sources (Interconnected)	AG*
(5) Auxiliary Water Systems or Sources (Not Interconnected)	RP
(6) Battery Manufacturing	RP
(7) Beverage Bottling Plants	RP
(8) Breweries	RP
(9) Buildings - With house pumps and/or water storage tanks, or multi-story without pumps or tanks	RP
(10) Buildings - With sewage pumps	AG*
(11) Canneries, Packing Houses, Reduction Plants	RP
(12) Car Wash - With water reclamation system	RP
(13) Chemical Plants	RP
(14) Chemically Treated (Non-Potable) Water System	RP
(15) Chemically Treated (Potable) Water System	RP
(16) Civil Works (Facilities not subject to Merced City plumbing inspection)	RP
(17) Cleaning and Dye Works	RP
(18) Commercial Laundries	RP
(19) Dairies and Cold Storage Plants	RP
(20) Film Processing Laboratories	RP
(21) Fire System - Water pump and/or storage tank	DC

ENGINEERING DEPARTMENT

CITY OF MERCED, CA.

BACKFLOW/CROSS CONNECTION CONTROL REQUIREMENTS

W-25

DRAWN: KGE

APPROVED BY:

DATE

DATE:

REVISED: 1/02

CITY ENGINEER

SHEET

OF