

**ACCEPTABLE TYPES OF BACKFLOW PREVENTER**

**TYPE OF HAZARD ON PREMISES**

**COMMENTS**

	<b>AG</b>	<b>RPBA</b>	<b>DCVA</b>	<b>VB</b>	<b>DUELCK W/VENT</b>	
1. Sewage Treatment Plant	*X	*X				*RPBA at meter with air gap in plant also
2. Sewage Pumping Station	X	X				
3. Domestic water booster pump (in-line)			X			Plus low suction pressure cut-off switch
4. Food, beverage processing	X	X	*X			*DCVA if no health hazard exists
5. Laboratory	X	X	*X			*DCVA if no health hazard exists
6. Hospital, mortuary, clinic, nursing home	X	X				
7. Plating facility, Chemical Plants, Dyeing Plants	X	X				
8. Radioactive material processing facility or nuclear reactor	X	X				
9. Dockside facility, marinas	X	X				
10. Commercial laundry	X	X				
11. Steam generating facility		X	*X			*DCVA if no health hazards exists
12. Reservoirs, cooling tower, circulating system	X	X	*X			*DCVA if no hazards exists
13. Water-pressure powered equipment (elevators, lifts, cranes, etc.)			X		**X	**Non- testable
14. Swimming Pool	X	X		*X		*If no permanent connection (use VB on hose bibbs)
15. Photo or X-ray processing equipment	X	X				
16. Petroleum processing or storage facility	X	X				
17. Premises where inspection is restricted	X	X				Assemblies must be accessible for inspection
18. Bldgs over three stories high or a min. of 6 Units		X	X			PWSB Approval
19. Firefighting or protection system	X	X	X			See Section 6
20. Unapproved auxiliary water supply	X	X				
21. Commercial dishwashing machines				X		Normally built into machine
22. Pressure vessel with permanent water connection		X				
23. Beverage vending machine				*X	**X	*Normally built into machine - **Non-Testable
24. Sink with hose threads on faucet	X			X		
25. Hose bibb, wall hydrant	X			*X		*VB permitted only if no back pressure
26. Submerged inlet ( <b>No health hazard</b> )	X		X			
27. Submerged inlet ( <b>health hazard exists</b> )	X	X				
28. High pressure and large commercial boilers		X				
29. Low pressure small commercial or residential boilers			X		**X	*If no chemicals added - **Non Testable
30 Residential Irrigation		X	*X	*X		*No chemical addition
31 Commercial Irrigation system	X	X				
32 <b>Commercial or Private well connected to building</b>	*	*	*	*	*	<b>*NOT ALLOWED UNDER PWSB RULES &amp; REGS</b>
33 Post Mix Carbonators					**X	**Stainless Steel Only

**PLEASE NOTE THAT ALL OWNERS OF NON-RESIDENTIAL PROPERTIES ARE REQUIRED TO HAVE AN APPROVED BFPA INSTALLED DIRECTLY AFTER THEIR WATER METER. THESE ASSEMBLIES ARE TO BE MAINTAINED AND TESTED AT LEAST ANNUALLY AT THE OWNERS EXPENANCE.**