



**City Utilities  
Design Standards  
Manual**

Exhibit W8-2  
Guideline for Potential Cross Connection Hazards by Facility

Created: January 1, 2002

Revised: June 10, 2014

<b>Facility</b>	<b>Recommended Backflow Prevention Device</b>
Aircraft and missile plants	RP
Automotive plants	RP
Beverage bottling plants	RP
Breweries	RP
Car Washes	RP
Canneries, packing houses, and reduction plants	DC
Chemical plants	RP
Commercial laundries and dye works	RP
Dairies and cold storage plants	DC
Fertilizer manufacturing plants	RP
Film laboratories	RP
Fountains	AG/RP
Medical buildings, hospitals, mortuaries, sanitariums, and nursing homes	RP
Laboratories	RP
Metal manufacturing, cleaning, plating, processing and fabricating plants	RP
Motion picture studios	RP
Oil and gas production plants	RP
Paper and paper products plants	RP
Photo labs	RP
Power plants	RP
Rubber plants	RP
Schools and colleges with laboratories	RP
Swimming Pools	AG/RP
Wastewater treatment plants, wastewater/stormwater pumping stations	RP
Waterfront facilities and industries	RP
Water treatment plants	RP
<u>Device</u>	
AG – Air Gap	
AVB – Atmospheric Vacuum Breaker	
DC - Double Check Valve	
PVB – Pressure Vacuum Breaker	
RP – Reduced Pressure Principle Backflow Preventer	