



The following table lists many common hazards and the type of premise isolation required at the facility. Premise isolation is required at all commercial facilities and means the appropriate backflow prevention at the service connection between the public water system and the water user. This list is not an all-inclusive list of the hazards which may be found connected to public water systems. If you cannot find a description of your premises on this list, you can contact Water Resource Services at 817-459-5902 for guidance.

| Description of Premises | Assessment of Hazard | Required Assembly |
|--|-----------------------------|--------------------------|
| Aircraft and missile plants | Health | RPZ or AG |
| Animal feedlots | Health | RPZ or AG |
| Automotive plants | Health | RPZ or AG |
| Breweries | Health | RPZ or AG |
| Canneries, packing houses and rendering plants | Health | RPZ or AG |
| Commercial car wash facilities | Health | RPZ or AG |
| Commercial laundries | Health | RPZ or AG |
| Cold storage facilities | Health | RPZ or AG |
| Connection to sewer pipe | Health | RPZ or AG |
| Dairies | Health | RPZ or AG |
| Docks and dockside facilities | Health | RPZ or AG |
| Dye works | Health | RPZ or AG |
| Fire lines without chemical injection | Non Health | DCDA |
| Fire lines with chemical injection | Health | RPZ |
| Food and beverage processing plants | Health | RPZ or AG |
| Hospitals, morgues, mortuaries, medical clinics, dental clinics, veterinary clinics, autopsy facilities, sanitariums, and medical labs | Health | RPZ or AG |
| Irrigation systems without chemical injection | Non Health | Double Check |
| Irrigation systems with chemical injection | Health | RPZ or AG |
| Metal manufacturing, cleaning, processing, and fabrication plants | Health | RPZ or AG |
| Microchip fabrication facilities | Health | RPZ or AG |
| Paper and paper products plants | Health | RPZ or AG |
| Petroleum processing or storage facilities | Health | RPZ or AG |
| Photo and film processing labs | Health | RPZ or AG |
| Plants using radioactive material | Health | RPZ or AG |
| Plating or chemical plants | Health | RPZ or AG |
| Pleasure-boat marinas | Health | RPZ or AG |
| Private/Individual/Unmonitored wells | Health | RPZ or AG |
| Rainwater harvesting system | Health | RPZ or AG |
| Reclaimed water systems | Health | RPZ or AG |
| Restaurant | Health | RPZ or AG |
| Restricted, classified or other closed facilities | Health | RPZ or AG |
| Rubber plants | Health | RPZ or AG |
| Secondary Water Source | Health | RPZ or AG |



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| Sewage lift stations | Health | RPZ or AG |
| Sewage treatment plants | Health | RPZ or AG |
| Shell Buildings* | Health | RPZ or AG |
| Slaughter houses | Health | RPZ or AG |
| Steam plants | Health | RPZ or AG |
| Tall buildings or elevation differences where the highest outlet is 80 feet or more above the meter | Non Health | DCVA |

RPZ – Reduce Pressure Zone

AG – Air Gap

DCDA – Double Check Detector Assembly