M.R. CHAPTER 4714, SECTION 603.5.21

1. DIRECT CONNECTION TO POTABLE WATER SYSTEM WITH A SVB OR PVB

- MUST NOT BE SUBJECTED TO BACK PRESSURE
- IF SUBJECTED TO BACK PRESSURE, AN RPZ IS REQUIRED
- AVB TYPICALLY NOT USED SINCE VALVES ARE NOT ALLOWED DOWNSTREAM

2. CONNECTION TO MOP SINK FAUCET WITH PRESSURE BLEEDING DEVICE

- ASSE 1055 LISTED CHEMICAL DISPENSER
- ASSE 1001 AVB

3. DIRECT CONNECTION TO POTABLE WATER SYSTEM WITH ASSE 1055 CHEMICAL DISPENSER

- MUST BE CODE COMPLIANT MATERIAL UP TO CONNECTION TO CHEMICAL DISPENSER

AVB = ATMOSPHERIC VACUUM BREAKER
PVB = PRESSURE VACUUM BREAKER
SVB = SPILL-PROOF VACUUM BREAKER
RPZ = REDUCED-PRESSURE PRINCIPLE

Typical Chemical Dispenser Installations
Phone: (651) 284-5063
dli.mn.gov/business/plumbing-contractors/alternates-checklists-and-other-information