



Shake Shack (Oak Lawn, IL) - Commissioning

CheckList Information

Name :	FIV - RPZ integrity test	Status :	NotSubmitted
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	National TAB		

CheckList Item Details

RPZ Installation Detail pre-inspection

- Direction of flow is correct - validate arrow
- Test cocks identified, installed and flushed
- Shut off the downstream shut-off valve
- observe no water is discharging from the relief valve
- record pressure gauge from TC1
- record pressure gauge from TC4 validate TC1 pressure is greater than TC4
- Test first check valve (2 & 3 test ports) is 5PSI differential pressure or greater
- Test second Check Valve for tightness (TC2 & TC4 test ports) validate no water discharging from the relief valve
- No flow condition test: with gauges hooked up to TC2 and TC4, close TC2. Does the test gauge hold steady
- Test opening point of the relief valve: Open TC2, Introduce water into TC3. with water discharging from the relief valve vent port confirm the pressure differential is greater than 2PSIG
- Test differential pressure on second check valve: TC3 open and TC4 open, record the DP confirm it is 1PSID or greater
- Confirm tightness of the downstream valve: With the downstream valve closed, open a service valve. Confirm no water discharge and the gauge is steady