Gary A. Espenschied

- > Who
- > What
- > Why
- > When
- > Where

- > OAC 3745-95 (C) (2)
 - water supplier to ensure tests are performed
- > OAC 3745-95 (C) (3)
 - at intervals & manner specified by water supplier
- > OAC 3745-95 (C) (4)
 - performed by a person approved by the water supplier
- > OAC 3745-95 (C) (5)
 - at the expense of the consumer

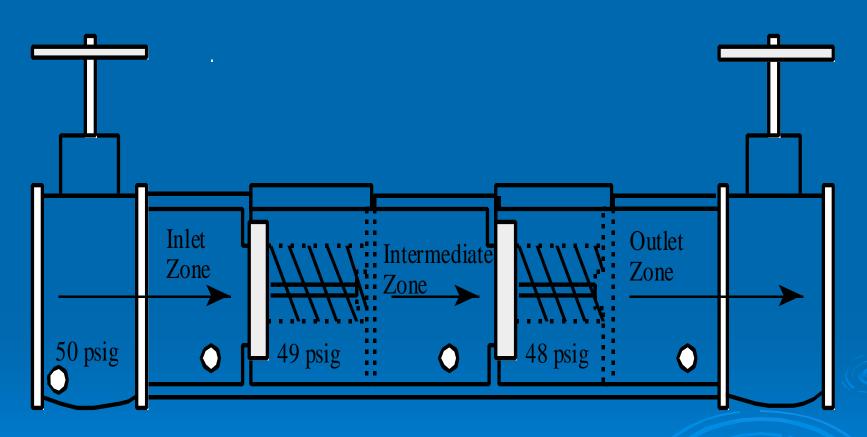
> Who Can Test:

- the water supplier employees
- > OTCO trained testers
- Ohio DOC "Certified Assembly Testers"
- anyone approved by the water supplier



Water supplier (OEPA) has authority over containment assembly Plumbing Inspection (ODOC) has authority over isolation assembly

- Approved air-gap separation
- Reduced pressure assembly
- Double check valve assembly
- > Pressure vacuum breaker
- Reduced pressure detector assembly
- Double check detector assembly

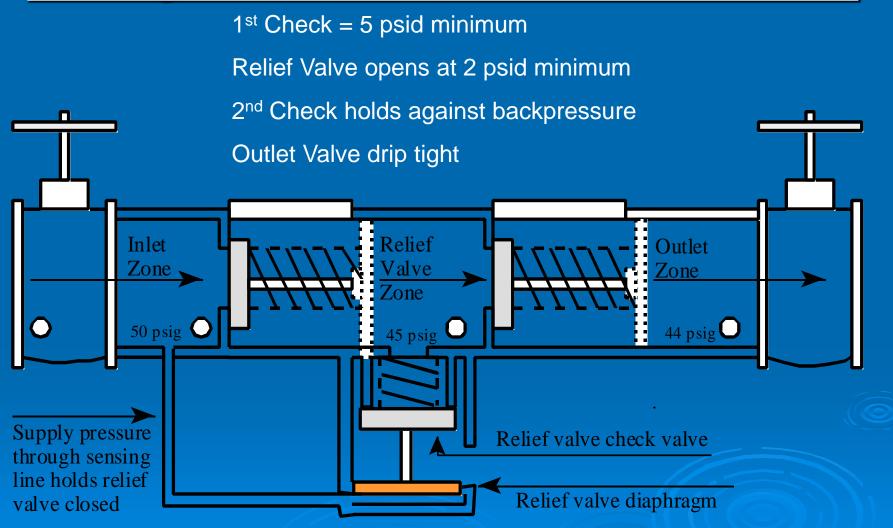


Outlet Valve drip tight

1st Check = 1 psid minimum

2nd Check = 1 psid minimum





- Water supplier has liability for the water quality in the public water system (there is no governmental immunity)
- Harvard Furniture v Cambridge
- Keever v Mankato
- Passaic Valley Water Commission
- Gall v Allegheny Health Department
- > Aronson v Everett

- Ohio EPA specifies that:
- an approved air-gap separation shall be inspected at least every 12 months
- a backflow prevention assembly shall be tested at least every 12 months
- a pressure vacuum breaker shall be tested at least every 12 months
- a low-suction pressure cut-off controller shall be tested at least every 12 months

- OAC 3745-95 (B) Assembly installed at a location & in a manner approved by the water supplier
- minimum 12" & maximum 48" off floor
- adequate space for testing, repair, maintenance
- accessible & free of hazards in area
- horizontal orientation
- no reduced pressure assembly installed in a pit
- no direct piped connection to the relief valve port
- need thermal expansion protection if containment

- Who anyone approved by the water supplier
- > What RPA, DCA, PVB, DCDA & RPDC, Air-Gap
- Why protect the integrity of the public water system
- When at least every 12 months
- Where according to water supplier standards