



Manifold Regulations

Survey results

- o 9 responses –
- o 2 – Current Rule
- o 2 – Future Rule Considerations
- o 5 – No rule

Current Rule

- Manifold bars installed after 11-01-2007 must be DW with interstitial monitoring and have triennial tightness testing.

Current Rule

- o Rules revised to clarify (safe) suction manifolds between USTs do not require secondary containment or release detection (except hazardous USTs).
- o "Piping, including vent piping and ancillary equipment, shall not be configured in a manner that will cause unintentional syphoning, backflow or over-pressurization of the UST system or cause the defeat of shear valves, check valves, release detection equipment, or similar components".

Future Rule

- o May add specific requirements for how to deal with tanks that share pressurized piping (tandem STPs), specifically with respect to piping configuration, LLDs, LLD testing, how to effectively take an STP out of service, etc.
- o Now relying on manufacturer requirements, they are hard to find and usually don't address all of the issues we find.

Future Rule

- o Manifolding of Regulated Substance piping under dispensers is prohibited. Existing UST Systems with manifolding under dispensers must be replaced using one of the methods specified below after the Effective Date of these Regulations.
- o When manifolding USTs to one Regulated Substance line, the line is required to be manifolded at the Tank end. The two methods of manifolding at the Tank end allowed by the Department are Siphon system between two or more USTs or Manifolding of submersible turbine pumps.