

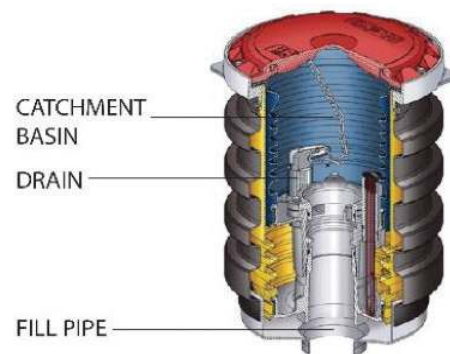


New Equipment Testing and Inspection Requirements Are Coming!*

(These requirements already apply to USTs installed after July 1, 2017)

Spill Bucket Testing

- By January 1, 2020⁺, and every three years thereafter, your “spill buckets” must be tested to make sure they are liquid tight. The test must be conducted according to a code of practice or manufacturer’s instructions. The only exception is – If you have double-walled spill buckets and are monitoring the interstitial space.
 - The most common method for testing spill buckets is a ‘hydrostatic test,’ which simply means the spill bucket is filled with water and monitored to be sure the water level does not change.
- You’ll probably want to hire a knowledgeable vendor to do this though, because there are rules about how long to wait, how to record the results, and what to do with the water.
- A spill bucket test also can be done by sealing the bucket and putting pressure or vacuum on it. Again, the test needs to be done by a knowledgeable technician.
 - Spill buckets should be inspected and cleaned before starting any test. If a spill bucket has a crack, you may want to repair or replace it before spending money for a test.



If the test fails and repairs are needed, a pre-fabricated insert or a manufacturer’s replacement insert (for double-walled buckets) may be used. Field repairs cannot be made with caulk, epoxy, adhesives or paints alone.

Overfill prevention equipment testing and replacement

- By January 1, 2020⁺, and every three years thereafter, overfill prevention equipment must be inspected to be sure it is functioning properly. The inspection must be conducted according to a code of practice or manufacturer’s instructions.
- If you test a ball float valve and it fails, you must install a different type of overfill prevention equipment – either a “flapper valve” or audible alarm.

*Per Missouri Department of Natural Resources’ regulations, 10 CSR 26-2.

⁺ IMPORTANT: We strongly recommend contacting your equipment company early in 2019 to make sure you have these items completed by the January 1, 2020 deadline.

Containment Sump Testing

Containment sumps are required:

- Beneath all dispensers, at piping transitions, and on tank tops for all USTs installed on/after July 1, 2017;
- When new piping is installed or more than 50% of piping is replaced; and
- Beneath dispensers replaced on/after July 1, 2017, if all fittings, joints, and/or connectors to the underground piping are also replaced.

These “required sumps” must be tested at installation and every three years thereafter, unless the sumps are double-walled and the interstitial space can be checked annually. Tests must be conducted according to a code of practice or manufacturer’s instructions.

Containment sumps should be inspected and cleaned before starting any test. If a sump has a crack or its seals are loose, you may want to repair or replace it before spending money for a test.



Release Detection Equipment Testing

Starting in 2019, annual tests of release detection equipment will be required to be sure probes, sensors, software, etc., are working properly. (The first test must be done by January 1, 2020¹.) Tests must be conducted according to a code of practice or manufacturer’s instructions.



If you have an automatic tank gauge, a qualified technician will have to remove the probes, inspect for residue, confirm the float(s) are moving freely and cables are free of kinks, etc.

Monthly and Annual “Walk-Through Inspections”

Starting in 2019, you must begin conducting monthly and annual walk-through inspections to check your leak detection equipment. Spill buckets must be visually checked monthly, (or before deliveries are made, if fuel is delivered less frequently than monthly). Required containment sumps (see above) must be checked annually for leaks.

You must keep records of these inspections for one year.

¹ IMPORTANT: We strongly recommend contacting your equipment company early in 2019 to make sure you have these items completed by the January 1, 2020 deadline.