



THE MCE CONNECTION



QUALITY SERVICE, EXPERIENCED STAFF, PRACTICAL SOLUTIONS



A Message From Rich Fanning

What can you always expect from MCE ?

MCE is a purpose driven company, always looking to improve on our customer service and our service offerings. We are writing this October Newsletter to remind our clients and other subscribers that the new 2018 EPA/Georgia EPD Underground Storage Tanks (UST)

The new regulation is known as “Revising Underground Storage Tank Regulations”

What are these new regulations and how will they affect my operation?

What are the new regulation’s specific testing & inspections requirements for fuel retailers?



NEW UST REQUIREMENTS OCTOBER 13, 2018

Walk Through Inspections

Beginning on **October 13, 2018** owners and operators must conduct walk through inspections at their UST facility. The walk through inspection must meet one of the following:

Option 1: Every 30 days, check your spill prevention equipment and release detection equipment. Annually, check your containment sumps and any hand held release detection equipment.

When conducting the walk through inspection, check the following:

- **Spill prevention equipment**
 - Check for damage
 - Remove any liquid or debris
 - Check for and remove any obstructions in the fill pipe
 - Check the fill cap to make sure it is securely on the fill pipe
 - **Double walled spill prevention equipment with interstitial monitoring** check for a leak in the interstitial area
- **Release detection equipment**

- Ensure records of release detection testing are reviewed and current
- **Containment sumps**
 - Check for damage, leaks into the containment area, or releases to the environment
 - Remove any liquid or debris
 - **Double walled containment sumps with interstitial monitoring** check for a leak in the interstitial area
- **Hand held release detection equipment** (for example tank gauge sticks or ground water bailers)
 - Check for operability and serviceability

Overfill Prevention Equipment Inspections

Beginning on **October 13, 2018** owners and operators must have their overfill prevention equipment inspected for proper operation at least once every three years. Overfill prevention equipment installed after October 13, 2015 must be inspected for proper operation at installation and then once every three years. Note that most installation [codes of practice](#) require inspecting overfill prevention equipment at installation – this would qualify as the first inspection. When inspecting, owners and operators must at a minimum ensure the overfill prevention equipment is set to activate at the correct level in the tank (the level depends on the type of overfill device) and will activate when regulated substances reach that level.

Owners and operators must maintain records of overfill prevention equipment inspections for at least three years.

Spill Prevention Equipment and Containment Sump Testing

Beginning on **October 13, 2018** owners and operators must meet one of the following for spill containment equipment and for containment sumps used for piping interstitial monitoring:

Option 1: Spill prevention and containment sump equipment is double walled and the integrity of both walls is monitored at least as frequently as in the walk through inspection requirement (typically every 30 days for spill buckets but it may be longer if the facility receives infrequent deliveries, and annually for

Option 2: Spill prevention equipment and containment sumps used for interstitial monitoring of piping are tested at least once every three years. The test must determine the equipment is liquid tight by using either vacuum, pressure, or liquid testing according to one of the following:

Owners and operators must maintain records of spill prevention equipment and containment sump testing for at least three years. For spill prevention equipment and containment sumps used for interstitial monitoring of piping not tested every three years, owners and operators must maintain documentation showing the equipment is double walled and the integrity of both walls is periodically monitored for as long as the equipment is periodically monitored.

Spill prevention equipment and containment sumps used for interstitial monitoring of piping installed after October 13, 2015 must be tested for liquid tightness at installation and then once every three years. Note that most installation [codes of practice](#) require testing of this equipment for liquid tightness at installation – this would qualify as the first test.

Release Detection Equipment Testing

Beginning on **October 13, 2018** owners and operators must test electronic and mechanical components of their release detection equipment for proper operation at least annually using one of the following options:

- Manufacturer's instructions
- A [code of practice](#) developed by a nationally recognized association or independent testing laboratory
- Requirements developed by the [implementing agency](#)

When testing, check the following:

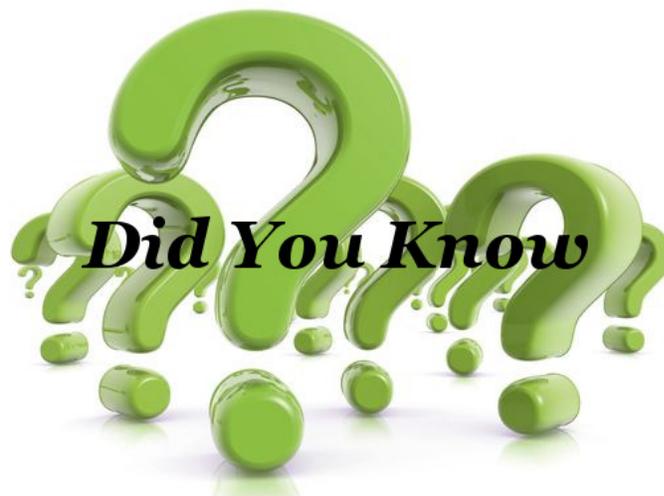
- **Automatic tank gauge and other controllers**
 - Test the alarm
 - Verify the system configuration
 - Test the battery backup
- **Probes and sensors**
 - Inspect for residual buildup
 - Ensure any floats move freely
 - Ensure any shafts are not damaged
 - Ensure the cables are free of kinks and breaks

- Ensure the device activates (alarms, restricts flow, or shuts off flow) within an hour when simulating a release equivalent to 3 gallons per hour at 10 pounds per square inch
- **Vacuum pumps and pressure gauges –**
 - Ensure there is proper communication with sensors and the controller
- **Hand-held electronic sampling equipment associated with ground water and vapor monitoring**
 - Ensure the device operates properly

Owners and operators must maintain records of release detection equipment testing for at least three years. The record must include each component tested, whether each component passed the test or needed to have action taken, and any action taken to correct an issue.



There are approximately 553,000 active USTs (at approximately 200,000 sites) which are regulated by the UST technical regulations



UST Fact!

They started burrying storage tanks in the 1920s. No records were kept so nobody knows how many UST there actually are in the US.



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