

Owners and operators of UST systems installed prior to April 4, 2008 have the following requirements to meet when using Automatic Tank Gauging (ATG) as their method of monthly monitoring for the tank. Also, if owners and operators use interstitial monitoring for the tanks and underground piping installed prior to April 4, 2008 they will need to meet the following requirements.

Owners and operators of UST systems installed or replaced on, or after, April 4, 2008 will have to meet interstitial monitoring requirements for both tanks and piping.

ATG System Requirements:

Starting July 24, 2018, owners and operators who use an ATG system to monthly monitor their UST systems are required to have ATG systems inspected and tested annually. The annual inspection and testing will determine if the ATG system is functioning as required. The inspection and testing must be performed by a person who is certified by the manufacturer of the ATG system and meets the requirements for testers in 20.5.105 NMAC. The annual inspection and testing shall ensure the following are met:

- Test conducted by the ATG is capable of detecting a 0.2 gph leak from any portion of the tank system that routinely contains regulated substances.
- In-tank static testing is conducted at least once every 30 days.
- Alarms activate when tested.

- Continuous leak detection operates on an uninterrupted basis or gathers incremental measurements to determine the leak status every 30 days.
- Probes and sensors are free of residual buildup, the floats move freely, the shaft is not damaged, and cables are free of kinks and breaks.
- Probes and sensors communicate with controller.
- System programming and configuration is operating according to manufacturer's specification and third-party certifications.
- Backup battery is charged.
- Vacuum pumps and gauges installed are communicating with sensors and controller.
- Automatic shut off of the submersible turbine pump on the tank occurs when liquid is detected in the interstice of underground piping. UST systems where interstitial monitoring is used for release detection on underground piping shall meet this requirement.

Interstitial Monitoring Requirements:

Owners and operators who choose to use interstitial monitoring for underground piping and owners and operators who are required to use interstitial monitoring must meet the following:

- Sensors must be installed in the interstitial spaces of the tanks, and they must be third-party certified for this application.
- Sensors must be installed in all sumps associated with the underground piping on UST system and must be installed in accordance with the manufacturer's installation instructions.
- Sensors must be functionality tested annually to ensure they operate as required.
- Sensors must be third-party certified, and the annual functionality test must confirm the sensors are operating in accordance with the certification.
- Containment sumps associated with underground piping must be maintained and liquid tight.
- Containment sumps associated with the underground piping must be periodically tested. A brochure is available with the requirements for periodic testing requirements for UST systems.

Owners and operators are required to check the status of the ATG system and sensors used for interstitial monitoring monthly. Most ATG systems have printers that can print out a leak test report or liquid status report for the sensors every month. The print outs from the ATG system used to meet monthly monitoring requirements need to be kept.

PSTB Prevention & Inspection Phone #s

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575-649-2954

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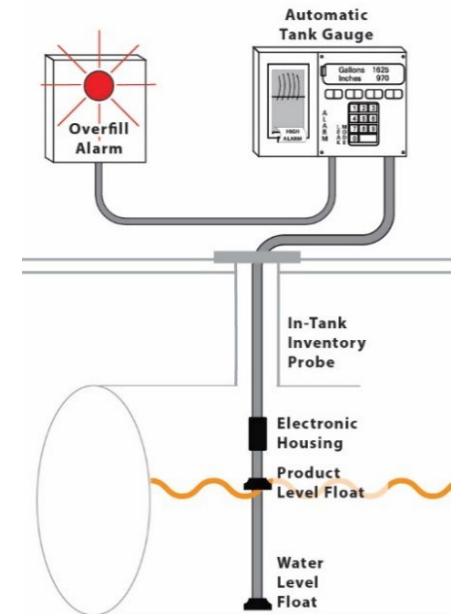
For more information contact:

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Automatic Tank Gauging and Interstitial Monitoring Requirements for Underground Storage Tank Systems



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