

Automatic Tank Gauging (For Tanks Only)

Description of Release Detection:

An Automatic Tank Gauge (ATG) is a computerized system that automatically evaluates changes in product volume that might suggest a possible leaking tank. The tank gauge is connected to a probe inside the tank that is permanently installed through the top of the tank. The ATG is used to collect, store, and display information such as product level, temperature, delivery status, as well as leak test results.

Operating and Maintaining an ATG System:

- Use the ATG system to test for leaks in each tank at least once every 30 days
- Manage the tank inventory to ensure that there is enough product in the tank so that the leak test can be performed at least once a month (Look at the manufacturer's specifications).
- Ensure the ATG is compatible with the way you intend to use it. High-volume facilities may need a continuous monitoring ATG (Continuous Statistical Leak Detection {CSLD}, Statistical Continuous Automatic Leak Detection {SCALD} or Continuous In-Tank Leak Detection {CITLD}). There are different probes for different types of product and different software for manifolded tanks.
- Ensure that the date on the ATG reflects the current date and year. If it says anything else, have the ATG repaired and/or reprogrammed.
- Periodically have a qualified ATG contractor test the ATG system and service the system components according to manufacturer's service instructions (tank sensors and other components can wear out).
- Release detection equipment must be tested for proper operation at least annually.
- Make sure employees who run, monitor, or maintain the ATG system know exactly what they have to do, what the alarms mean, and to whom to report problems.
- Respond to alarms as appropriate.

Record Keeping:

- Keep results of ATG system tank tests for at least one year. The facility must have at least one pass per tank per month at 0.2 gallons per hour for the most recent 12 months.
- Keep all records of calibration, maintenance, and repair of your release detection equipment for at least one year.

If the ATG tank test result is anything other than a pass or indicates a release has occurred, call the UST Management Division within 24 hours at (803) 898-0589

