

# UNDERGROUND STORAGE TANK COMPLIANCE SUMMARY

## Periodic Testing Requirements and Compliance Record Keeping

Depending on what equipment you have, there may be different kinds of release detection records that you must keep. This summary is based on observations of your equipment and available records on this date of \_\_\_\_\_ . *For additional information, see the reverse side of this sheet.*

\_\_\_\_\_ Your financial responsibility mechanism expires on \_\_\_\_\_ .

\_\_\_\_\_ Your automatic tank gauge (ATG) must conduct a tank leak test on each tank **at least once every 30 days**. The last **12 months** of these test results must be kept.

\_\_\_\_\_ Your next tank(s) tightness test is due by \_\_\_\_\_ .

\_\_\_\_\_ Inventory control measurements for your tank(s) must be reconciled at **the end of each month**.

\_\_\_\_\_ Because you can only use inventory control for **10 years** after installation or upgrade, you must change to another monthly release detection method by \_\_\_\_\_ .

\_\_\_\_\_ Interstitial monitoring for your tank(s) must be recorded **every 30 days**. The last **12 months** of these records must be kept.

\_\_\_\_\_ Groundwater monitoring / vapor monitoring results must be recorded **every 30 days**. The last **12 months** of these records must be kept.

\_\_\_\_\_ Your piping's interstitial monitoring (i.e. sump sensors) status must be printed from your automatic tank gauge (ATG) **at least once every 30 days**.

\_\_\_\_\_ Visually check each sump **at least once every 30 days**, and record results in a log.

\_\_\_\_\_ Your pressurized piping is required to be line tightness tested **every 12 months**. According to your records, your last test was completed on \_\_\_\_\_. Therefore, it is due by \_\_\_\_\_ .

\_\_\_\_\_ Your automatic line leak detectors (ALLDs) are required to be tested **every 12 months**. According to your records, your last test was completed on \_\_\_\_\_. Therefore, it is due by \_\_\_\_\_ .

\_\_\_\_\_ Your electronic line leak detectors (ELLDs) must conduct a line tightness test at 0.2 gallon per hour **at least once every 30 days** **OR** conduct a line tightness test at 0.1 gallon per hour level **at least once per year**.

\_\_\_\_\_ Your suction piping has foot valves in the tank and requires a line tightness test **every 3 years**. According to your records, your last test was completed on \_\_\_\_\_. Therefore, it is due by \_\_\_\_\_. Your piping system is U.S. suction.

\_\_\_\_\_ Your suction piping does not require line tightness testing, because there is a check valve(s) at the dispenser(s). Your piping system is safe suction.

\_\_\_\_\_ Your tank(s) require cathodic protection testing **every 3 years**. According to your records, your last test was completed on \_\_\_\_\_. Therefore, it is due by \_\_\_\_\_ .

\_\_\_\_\_ Your piping require cathodic protection testing **every 3 years**. According to your records, your last test was completed on \_\_\_\_\_. Therefore, it is due by \_\_\_\_\_ .

\_\_\_\_\_ The interior lining of your tank(s) is required to be inspected by \_\_\_\_\_ .

\_\_\_\_\_ Inspect your impressed current rectifier every 60 days and maintain a log.

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### Tank Release Detection:

#### Automatic Tank Gauge (ATG)

- Print out at least one passing leak test for each tank **every 30 days** for the last **12 months**.
- Tank leak test may be either conducted at **0.1** or **0.2 gallon per hour** at the proper protocols outlined in the EPA Standard Evaluation (also known as the third party evaluation).
- The time between tests should not be more than **30 days**.
- Keep a copy of the third party evaluation for your equipment.

#### Inventory Control

- Inventory volume measurements for inputs, withdrawals and remaining amounts must be recorded each operating day and reconciled.
- Your stick must be capable of **1/8-inch** measurements, and all measurements of fuel and water should be made to the nearest 1/8 inch. Fuel must be measured daily, and water must be measured at least monthly.
- Keep the last **12 months** of records.
- Inventory control may only be used for a maximum of **10 years** from the time of installation or upgrade.

### Piping Release Detection:

#### Automatic Line Leak Detectors (ALLDs)

- Conduct an annual function check to ensure that the line leak detector will detect a leak of **3 gallons per hour at 10 psi within 1 hour** **OR** a keep on file a statement from the manufacturer that the function check is not required.
- Keep test results until the next test is done; however, it is recommended that you keep all testing results.

#### Electronic Line Leak Detectors (ELLD)

- Keep a copy of the annual line tightness test at **0.1 gallon per hour** for each product line **OR** a copy of a **monthly** test print out of each product line at **0.2 gallon per hour** for the last **12 months**.
- Keep a copy of the third party evaluation for your equipment.

### Cathodic Protection:

- For tanks that have had cathodic protection and / or internal lining added, you must keep the results of the tank integrity assessment.
- If an interior lining alone was added, then an internal inspection is required within **10 years** following installation and every **5 years** thereafter.
- If cathodic protection and interior lining were added to a tank, then no internal inspection is required.
- Keep a copy of the results of **the last two most recent** corrosion protection tests. Testing must be done **within 6 months of installation** and at **least once every 3 years**.
- For impressed current cathodic protection systems (i.e. systems that were installed to an existing tank system and uses a volt meter), a log must be maintained every **60 days**. The log should show that the volt meter (i.e. rectifier) has been checked to see that the power is on and it is operating. The following information should be included in the log: voltage reading, the number of hours recorded from an hour meter (if equipped), a name with signature, and date.

For additional information, contact Jim Greeves, U.S. EPA, at (360) 753-8072 or [greeves.jim@epa.gov](mailto:greeves.jim@epa.gov), or Charlotte Boulind, U.S. EPA, at (206) 553-6315 or [boulind.charlotte@epa.gov](mailto:boulind.charlotte@epa.gov). You also can visit our website at [www.epa.gov/r10earth/ust.htm](http://www.epa.gov/r10earth/ust.htm).