

Minimum Recordkeeping Requirements for Each Type of Release Detection

Effective September 20, 2018

Inventory Control

- the tank identifier
- the month and year of the report
- the date of the monthly water check and the measured water level in inches
- the daily start stick inventory in inches and gallons, gallons delivered, gallons pumped, end stick inventory in inches and gallons, the over and short measurements, and the initials of the person conducting the measurements
- the total gallons pumped for the month
- cumulative over and short calculation for the month
- the monthly leak check amount
- the monthly leak check amount plus 130
- the monthly leak check result of pass/fail or yes/no

Manual Tank Gauging

- the tank identifier
- the month, day and time of the initial test
- the first, second and average initial readings
- the initial test gallons
- the month, day and time of the end test
- the first, second and average end readings
- the end test gallons
- the change in tank volume calculated weekly and monthly
- whether the tank test passes or not weekly and monthly

Tank Tightness Testing

- the date of the test, the tank identifier
- a qualitative result statement
- a calculated leak rate
- and any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used
- Raw data generated for each tank tightness test shall be provided to the department upon request

Automatic Tank Gauging (ATG)

- the time, date, or period covered for the test
- the tank and/or piping identifier
- a qualitative result of pass, fail, inconclusive, or alarm code where applicable
- a quantitative result with a calculated leak rate
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used

Vapor Monitoring with RDD

- the date the analysis was conducted
- the well identifiers
- the concentration measured in each well in parts per million
- a statement or signifier if any of the measured concentrations represents a suspected release (any significant increase in concentration above background)
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used

Liquid Monitoring with RDD

- the date the wells are checked
- the well identifiers
- the amount of product measured in each well
- the depth to the water surface in each well
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used

Tank Interstitial Monitoring (IM)

- the date of the test
- the tank identifier
- a qualitative result statement (i.e., pass or fail, liquid, product or water detected, sensor normal message, dry space, alarm code when applicable, etc.)
- a quantitative result (when applicable)
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used

Statistical Inventory Reconciliation (SIR)

- the month and year of the test

- the name of the SIR provider/vendor/software and the name and version of the SIR method used for analysis
- the name and address of the facility
- a description of the UST system
- a quantitative result of the leak threshold, the minimum detectable leak rate, and the calculated leak rate for each UST system monitored
- a qualitative statement of pass, fail, or inconclusive for each UST system monitored
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used
- monthly raw data shall be provided to the department upon request

Other Method

- Any specific records required by the department upon approval of the method, any records needed to demonstrate that the method meets the performance requirements outlined in ALC 33:XI.701.A.8.a
- and any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used

Line Leak Detector (LLD)

- the date of the test
- the LLD identifier
- a qualitative result statement
- a calculated leak rate
- a qualitative statement regarding whether the submersible turbine pump is running continuously or not
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used
- raw data generated for each line LLD test shall be provided to the department upon request

Line Tightness Test (LTT)

- the date of the test
- the line identifier
- a qualitative result statement
- a calculated leak rate
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used
- raw data generated for each LTT shall be provided to the department upon request

Piping Interstitial Monitoring (IM)

- the date of the test
- the line identifier
- a qualitative statement (i.e., pass or fail, liquid, product or water detected, sensor normal message, dry space, alarm code when applicable, etc.)
- a quantitative result (when applicable)
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used.