Pressurized Line Leak Detection Test Reporting
Requirements for the Gilbarco ATG System

When to submit your test results

- When renewing your annual Permit-to-Operate the owner/operator must supply the department with passing test reports of the 3 most current consecutive months of testing, and each test must be 28-32 days apart. For example, if your first test was June 1, the second test must be July 1, and the third test must be on August 1.

- When an inspection is conducted by the State of Wisconsin, at least 12 months of test reports must be available for review by a state inspector.

- Below are test examples of the pressurized line leak detection printout for the Gilbarco ATG System. You are required to submit the test report when renewing your annual permit to operate. You will need to know which test report you system will print depending on how your service company programmed your monitor.

** PLLD Test Results**

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Q 1: UNLEADED REG LINE 3.0 GAL/HR RESULTS:

LAST TEST: MMM DD, YYYY HH:MM XM PRESSURE LINE LEAK TEST RESULTS
NUMBER OF TESTS PASSED: 123 SINCE MIDNIGHT: 01

0.20 GAL/HR RESULTS:

MMMM DD, YYYY HH:MM XM PASS

0.10 GAL/HR RESULTS:

MMMM DD, YYYY HH:MM XM PASS
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or

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Q1: UNLEADED LINE

3.0 GAL/HR RESULTS:

LAST TEST: MMM DD, YYYY HH:MM XM PASS
NUMBER OF TESTS PASSED: 123 SINCE MIDNIGHT: 01

0.20 GAL/HR RESULTS:

MMMM DD, YYYY HH:MM XM PASS

0.10 GAL/HR RESULTS:

MMMM DD, YYYY HH:MM XM PASS
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If you have questions about how your Franklin Fueling Management ATG system works please contact your service company or Gilbarco directly. You can also find further information about your specific leak detection equipment on the materials approval page of our website. The Gilbarco material approval number is 20020005R1.

Leak detection FAQs

What is leak detection?

“Leak Detection” means determining whether a discharge of regulated substance has occurred from a storage tank system into the environment or into the space between the tank and its secondary barrier or containment.

What is “ATG”?

“Automatic Tank Gauging” (ATG) or “Automatic Leak Detection” means a leak detection or monitoring system that will provide continuous 24-hour monitoring for the detection of a release or leak of vapor or product and will immediately communicate the detection of the release or leak to an electronic signaling device.

What is Pressurized Line Leak Detection Monitoring?

[WPPLD Test Results]

Pressurized line leak detectors operate during idle periods by independently pressurizing the pipeline system, then isolating the system from the pump and monitoring the pressure drop. The pressure drop is measured for several pressurization cycles. When the leak detection system determines that thermal effects have been sufficiently reduced, it compares the final pressure drop with a preset limit. If the pressure drop exceeds that limit, a leak is declared.

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