



Line Leak Detection Interstitial Monitoring Test Reporting Requirements for the Veeder-Root ATG (all models except the TLS-4 and TLS-450)

BUREAU OF WEIGHTS AND MEASURES

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RESOURCES

Wis. Admin. Code § ATCP
93.510

https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/510

Wis. Admin Code § ATCP
93.515

https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/515

Materials Approval Page
https://datcp.wi.gov/Pages/Programs_Services/MaterialApprovalsLeakDetection.aspx

Veeder-Root
<http://www.veeder.com/us>

Approval #20130002
<https://datcp.wi.gov/Documents/TCP-WM-MA-20130002.pdf>

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 is an example of the line leak detection interstitial monitoring printout for the Veeder-Root ATG (all models except the TLS-4 and TLS-450) systems. You are required to submit the test report when renewing your annual permit to operate.

```
OCT 26, 2016 10:44 AM  
  
LIQUID STATUS  
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OCT 26, 2016 10:44 AM  
  
L 1 :REG UNLD STP SUMP  
SENSOR NORMAL  
  
L 2 :REG UNL INTERSTITIAL  
SENSOR NORMAL  
  
L 3 :DIESEL EAST STP SUMP  
SENSOR NORMAL  
  
L 4 :DIESEL WEST STP SUMP  
SENSOR NORMAL  
  
L 5 :DIESEL INSTERSTITIAL  
SENSOR NORMAL  
  
L 6 :REG UNLD DISPENSER  
SENSOR NORMAL  
  
L 7 :EAST DIESEL DISPENSER  
SENSOR NORMAL  
  
L 8 :WEST DIESEL DISPENSER  
SENSOR NORMAL
```

If you have questions about how your Veeder-Root ATG system works please contact your service company or Veeder-Root directly. You can also find further information about your specific leak detection equipment on the materials approval page of our website. The Veeder-Root material approval number is 20130002.

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 Interstitial Monitoring?

[Wisconsin Administrative Code §§ ATCP 93.510](#) and [93.515](#) require all new and existing underground tank systems which store regulated substances to be provided with a method of leak detection. One of the acceptable methods of leak detection is “Interstitial Monitoring”.

Interstitial monitoring is a leak detection method that entails the surveillance of the space between a tank system’s walls and the secondary containment system, for a change in the steady-state conditions.