



# Line Leak Detection Interstitial Monitoring Test Reporting Requirements for the Veeder-Root TLS-4 and TLS-450 ATG System

## 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](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](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](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 TLS-4 and TLS-450 ATG system. You are required to submit the test report when renewing your annual permit to operate.

#	SENSOR LOCATION	STATUS
MS 1		NORMAL
MS 2		NORMAL
MS 3		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.