



Test Reporting Requirements for INCON SCALD ATG Leak Detection

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

[INCON](#)

<http://www.franklinfueling.com/americas/en>

[Approval #20020011](#)

<https://datcp.wi.gov/Documents/ER-BST-MA-20020011.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 the SCALD test report example that the INCON ATG system will print for all models. You are required to submit the test report when renewing your annual permit to operate.

```
08/08/2019      5:00 AM
SCALD TEST REPORT
NOLEAD      10277, 7 GAL
             PROD 1
LEAK TEST    0, 200 GPH
LEAK THRESHOLD 0, 100 GPH
INTERVAL     18, 0
VOL QUALIFY  15, 0%
TEST STARTED 10:20 AM
TEST STARTED 07/29/2019
STATUS       0, 02
TEST ENDED   4:03 AM
TEST ENDED   08/04/2019
```

If you have questions about how your INCON ATG system works please contact your service company or INCON directly. You can also find further information about your specific leak detection equipment on the materials approval page of our website. The INCON material approval number is 20020011.

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 SCALD?

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 “SCALD” (statistical continuous automatic leak detection).

Statistical Continuous Automatic Leak Detection (SCALD) monitors the product level and temperature in the tank at idle times. The system will continue to monitor the tank until it has gathered enough data to conclude that the tank system is tight, or there is a possible leak.