



Test Reporting Requirements for EBW 950 ATG Interstitial Monitoring 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

EBW

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

Approval #990053-u

<https://datcp.wi.gov/Documents/ER-BST-MA-990053-u.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 Interstitial Monitoring test report example that the EBW 950 ATG system will print for all models. You are required to submit the test report when renewing your annual permit to operate.

```
----- STATUS REPORT -----
      MON SEP 01 16  8:21:29 AM
STATION NAME:
      BUSINESS NAME
      BUSINESS ADDRESS
      CITY STATE ZIP

TANK 1 PRODUCT:      UNLEADED

CURRENT STATUS:
: : : : : : :
GROSS:                2102.784 gal
NET:                  2122.924 gal
FUEL LEVEL:           29.5364 in
H2O LEVEL:             0.0324 in
TEMP:                  39.815 *F
GROSS VTF:             5631.216 gal
GROSS ULLAGE:         95%=5244.516 gal
-----

TANK 2 PRODUCT:      PREMIUM

CURRENT STATUS:
: : : : : : :
GROSS:                1452.532 gal
NET:                  1474.169 gal
FUEL LEVEL:           17.7211 in
H2O LEVEL:             0.0799 in
TEMP:                  37.419 *F
GROSS VTF:             10277.468 gal
GROSS ULLAGE:         95%=9690.968 gal
```

If you have questions about how your EBW 950 ATG system works please contact your service company or EBW directly. You can also find further information about your specific leak detection equipment on the materials approval page of our website. The EBW 950 material approval number is 990053-u.

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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.