



Test Reporting Requirements for Marley Pump (Red Jacket) ATG Static 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

Marley Pump

<http://www.veeder.com/usa/red-jacket-fuel-pumpingsystems>

Approval #990047-u

<https://datcp.wi.gov/Documents/ER-BST-MA-990047-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 are test report examples that your Marley Pump ATG system will print. You are required to submit the test reports when renewing your annual permit to operate. You will need to know which test report your system will produce depending on how your service company programmed your ATG monitor.

RED JACKET LEAK DETECTION SYSTEMS	
VERSION XXXXXX DATE	
BUSINESS ADDRESS CITY STATE	
INVENTORY REPORT	
01JUL15	05:00:23
TANK 1 UNLEADED REG	11627 GALLONS
PRODUCT HEIGHT	29.05 INCHES
GROSS VOLUME	3149.8 GALLONS
ULLAGE (90%)	7914.5 GALLONS
NET VOLUME	3133.8 GALLONS
WATER HEIGHT	0.36 INCHES
PROD TEMPERATURE	75.52 DEG F
LEAK SUMMARY	
30JUN15 05:00:23 - 01JUL15 05:00:23	
TANK TEST	
TANK 1	
30JUN15 15:49:11	0.085 GAL/H PASS
01JUL15 00:04:14	-0.017 GAL/H PASS
01JUL15 02:30:14	0.010 GAL/H PASS
LAST PASSED TEST	
01JUL15 02:30:14	29.08 INCHES
0000 DAYS SINCE LAST PASSED TEST	

or

BUSINESS ADDRESS CITY STATE		
11/29/2015	03:10 PM	
LEAK TEST REPORT		
TANK NO. 1	FUEL	
	11682 GAL	
THRESHOLD	0.20 GAL/HR	
CONFIDENCE LEVEL	95.0%	
TEST STARTED	12:00 PM	
TEST STARTED	11/29/2015	
LAST DELIVERY	5:36 PM	
LAST DELIVERY	11/24/2015	
% GROSS CAPACITY	59.96	
BEGIN GROSS	7023.0 GAL	
BEGIN NET	7042.0 GAL	
BEGIN LEVEL	52.530 IN	
BEGIN TEMP	54.052 F	
BEGIN WATER	0.0 GAL	
BEGIN WATER	0.000 IN	
END TIME	3:09 PM	
END DATE	11/29/2015	
END GROSS	7023.2 GAL	
END NET	7042.0 GAL	
END LEVEL	52.532 IN	
END TEMP	54.063 F	
END WATER	0.0 GAL	
END WATER	0.000 IN	
HOURLY DATA		
TIME	DEG F	NET GAL
12:59 PM	54.057	7042.17
1:59 PM	54.058	7042.18
2:59 PM	54.062	7042.18
SLOPE	0.06 GAL/H	
SLOPE LOW	0.06 GAL/H	
SLOPE HIGH	0.06 GAL/H	
TEST RESULTS	PASSED	

If you have questions about how your Marley Pump ATG system works please contact your service company or Marley Pump directly. You can also find further information about your specific leak detection equipment on the materials approval page of our website. The Marley Pump material approval number is 990047-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 static testing?

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 “static” leak detection testing.

A static test monitors the integrity of the tank system by measuring changes in product volume/level. This type of test may require the tank system to be shut down for several hours, during which time there should be no dispensing or delivery of product. The test must be performed with a minimum amount of product as determined by the manufacturer of the system.