



Annual Release Detection Operability Testing Form

In-tank setup and alarm history reports must be attached to testing form.

Maintain three years of testing records.

[Instructions on how to use this form.](#)

I. FACILITY INFORMATION – Type or print (in ink) all items.				TEST DATE	
Facility ID #:				Facility Name:	
II. AUTOMATIC TANK GAUGE				<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
ATG Manufacturer:				ATG Model:	
Release Detection Method:		Tank Gauge 0.2 gph leak tests: (<input type="checkbox"/> Continuous <input type="checkbox"/> Static) <input type="checkbox"/> SIR <input type="checkbox"/> Interstitial Monitoring			
Battery Backup Functional?		<input type="checkbox"/> Yes <input type="checkbox"/> No		ATG software properly programmed? <input type="checkbox"/> Yes <input type="checkbox"/> No	
ATG alarms functional and audible?		ATG In-Tank Setup Reports attached to form?		Alarm history reports attached to form?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes		<input type="checkbox"/> Yes	
III. TEST PROCEDURE					
<input type="checkbox"/> PEI/RP 1200		<input type="checkbox"/> Oregon Testing Procedures (Page 2)		<input type="checkbox"/> Manufacturer Testing Procedures	
<input type="checkbox"/> Other Method (Describe)					
Test comments					
IV. TESTER					
Person conducting testing:					DEQ License #

V. PROBE AND SENSOR TESTING INFORMATION

Tank Number						
Product Stored						
Model						
ATG console clear of alarms?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Alarm triggered when cable disconnected from probe?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Probes removed and inspected for damage?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Residual buildup on floats has been removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Float(s) move freely?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Measured product and water levels match ATG values?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Alarm history report attached?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Sensor Number						
Sensor Model						
Sensor Location						
Sensor undamaged?						
Alarm sounds when sensor placed in liquid?						
Correct alarm sounds?						
Sensor correctly installed?						
Any "No" answer indicates the test failed. Failed tests must be remedied and retested immediately.						
VI. TEST RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail					

DEQ tank gauge and probe functionality testing procedures

1. Inspect console and verify that there are no active or recurring warnings or alarms.
2. Confirm that both the visual and audible alarms on the tank gauge console function correctly.
3. Verify that the correct set-up parameters for the probes and appropriate tank leak detection is programmed correctly.
4. Test battery backup (if present).
5. Remove tank probe from tank.
6. Disconnect probe, wait for "Probe Out" alarm, reconnect probe and reset tank gauge.
7. Remove build up from probes.
8. Measure the fuel and water contents of the tank and compare with the tank gauge inventory report ensuring that they are the same.
9. Ensure that the probe's fuel and water floats are the correct type for the product stored in the tank.
10. Reposition the floats, measure distance from bottom of the probe, and utilize tank charts to confirm accuracy of the tank gauge.
11. Reinstall probes ensuring that the tank riser cap seals properly and the communication cable seal is tight.
12. If tank gauge is equipped with printer, attach the printed tank gauge in-tank setup and alarm history report demonstrating that probes were tested.

DEQ sensor functionality testing procedures

1. Inspect sensor for damage.
2. Place sensor in at least three inches of testing liquid.
3. Verify sensor alarms at tank gauge or sensor has appropriate alarm response (dispenser or turbine shut down).
4. Clear alarm.
5. Reinstall sensor upon verification of proper operation.
6. If tank gauge is equipped with printer, attach the printed tank gauge in-tank setup and alarm history report demonstrating that sensors were tested.