



**LIQUID SENSOR FUNCTIONALITY TESTING**  
 NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY  
 DIVISION OF WASTE MANAGEMENT - UST PROGRAM  
 SFN 62153 (03-2022)

Telephone: 701-328-5166  
 Fax: 701-328-5200  
 Email: [ndust@nd.gov](mailto:ndust@nd.gov)  
 Website: <https://deq.nd.gov/wm>

Clear Form

This procedure is to determine whether liquid sensors located in the interstitial space of UST systems are able to detect the presence of water and fuel. See PEI/RP1200 Section 8.3 for the test procedure.

Facility Name	Telephone Number		
Address	City	State	ZIP Code

Name of Tester	Name of Company		
Address	City	State	ZIP Code
Telephone Number	Email Address		

Date of Test:	Tank ID:	Tank ID:	Tank ID:	Tank ID:	Tank ID:
Sensor Location					
Product Stored					
Type of Sensor	<input type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating	<input type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating	<input type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating	<input type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating	<input type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating
Test Liquid	<input type="checkbox"/> Water <input type="checkbox"/> Product	<input type="checkbox"/> Water <input type="checkbox"/> Product	<input type="checkbox"/> Water <input type="checkbox"/> Product	<input type="checkbox"/> Water <input type="checkbox"/> Product	<input type="checkbox"/> Water <input type="checkbox"/> Product
Is the ATG console clear of any active or recurring warnings or alarms regarding the leak sensor? If the sensor is in alarm and functioning, indicate why.	<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
Is the sensor alarm circuit operational?	<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
Has sensor been inspected and in good operating condition?	<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
When placed in the test liquid, does the sensor trigger an alarm?	<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
When an alarm is triggered, is the sensor properly identified on the ATG console?	<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

Any "No" answers indicate the sensor fails the test.

Test Results	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
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Comments/Repairs/Retest: