

APPENDIX C-8

LIQUID SENSOR FUNCTIONALITY TESTING

Facility Name:	Owner:	
Address:	Address:	
City, State, Zip Code:	City, State, Zip Code:	
Facility I.D. #:	Phone #:	Date:
Testing Company:	Phone #:	

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.

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	<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	<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	<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	<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	<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	<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	<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 indicates 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	<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:

Tester's Name _____ Tester's Signature _____