

LOW LIQUID LEVEL UST CONTAINMENT SUMP ALTERNATIVE TESTING FORM

OKLAHOMA CORPORATION COMMISSION
 PETROLEUM STORAGE TANK DIVISION
 P.O. Box 171
 Oklahoma City, OK 73101

REQUIRED ONCE EVERY THREE (3) YEARS

I. FACILITY INFORMATION

Facility ID:	Date of Test: ____ / ____ / ____
Facility Name:	
Physical Address:	
City & State:	County:
Zip:	Facility Phone:

II. TESTING COMPANY INFORMATION

Company Name:	Company Phone:
Company Address:	
City & State:	Zip:
Tester Name:	Tester Phone:

III. PROCEDURES AND INSTRUCTIONS

Instructions: Unless instructed otherwise, place your initials in the boxes on the right side of this form to indicate compliance with the checklist or steps for each sump.	Sump 1	Sump 2	Sump 3	Sump 4
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PRE-TESTING CHECKS

Determine if there is liquid present in the sump at levels high enough to trigger a properly positioned sensor, even if the alarm is not activated. Remove any debris or liquid in the containment sump prior to testing.				
Identify if sensors' positions are elevated or otherwise manipulated to prevent activation.				
Confirm the sump has no cracks, holes, or compromised boots located in the portion of the sump where water will be added during the low liquid sump test. The test requires you add at least 4 inches of water above the height required for sensor activation, so this area must be free of cracks, holes, or compromised boots. If any of these are present, this test method cannot be used.				

PART A – FUNCTIONAL TESTING STEPS

Determine the level of liquid required for sensor activation. Record the level in the box on the right.				
Secure a measuring stick vertically against the wall nearest the lowest level of the sump and ensure it is in a visually accessible place so you can read the markings on the measuring stick. Use a clamp, tape, or other adhesive method to immobilize the stick for the entire course of the test, even while the measuring stick is underwater. Leave several inches of markings visible, ideally between 2 and 8 inches from the bottom of the sump. Some testers may choose to use a float or console type probe instead of a measuring stick.				
Immerse the sensor in liquid at least to a height that ensures the sensor is activated and alarm activates.				
Determine if the sensor is in alarm.				
If the sensor alarms successfully, verify that the pump has automatically shut off when liquid activated the sensor.				
If the sensor passed the visual inspection, the functional inspection for alarm, and each pump is disabled, continue to Part B for liquid tightness and integrity testing. Check Pass or Fail in the box on the right.	<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

Instructions: Unless instructed otherwise, place your initials in the boxes on the right side of this form to indicate compliance with the checklist or steps for each sump.	Sump 1	Sump 2	Sump 3	Sump 4
PART B – INTEGRITY TESTING STEPS				
Add water into the sump until the liquid level is at least 4 inches above the height required to activate the sensor.				
Wait 5 minutes.				
Measure and record the liquid height in the sump. Document the level and the current time on the test report form. Record the level and time in the box on the right.				
Do not disturb the water in the sump for at least one hour.				
After one hour has elapsed since measuring the height of the liquid, check the liquid level again. Record the liquid measurement and the current time on the test report form. Record the level and time in the box on the right.				
Compare the two liquid measurement numbers. If the level has dropped by more than 1/8 inch, then the sump failed the low liquid level hydrostatic integrity test. Check Pass or Fail in the box on the right.	<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
AFTER TEST STEPS				
Remove the measuring stick or probe from the sump.				
Remove the water from the sump. Ensure you properly dispose of the sump test water according to all legal requirements.				
Reposition the sensor, if needed, and replace the sump cover and manhole cover.				
IV. OVERALL TEST RESULT FOR EACH SUMP	<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
Comments: <hr/> <hr/> <hr/> <hr/>				
V. CERTIFICATION (Read and sign after completing all sections)				
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this form and all attached documents (if any), and that I believe that the submitted information is true, accurate and complete.				
(Print) Tester Name				
X				
Tester Signature	Date			

KEEP THIS RECORD FOR THREE YEARS.