

Louisiana Department of Environmental Quality
UST Containment Sump Low Liquid Level Hydrostatic Test Procedures Form

Facility Name: _____ Agency Interest Number: _____

Street Address: _____ City: _____ State: _____ Zip: _____

Parish: _____

Testing Company Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____

Tester Name, Printed: _____ Signature: _____

Date of Test: ____/____/____

		Sump Identifier/Number				
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.						
Pre-testing Checks	1	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.				
	2	Identify if the sensor positions are elevated or otherwise manipulated to prevent activation.				
	3	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 level 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 in this area, this test method cannot be used until the sump is repaired.				
Part A – Functional Testing Steps	1	Prepare for the sensor functionality test by determining and documenting how the test should be performed. List the minimum amount of liquid (inches) required to activate the sensor in the box on the right.				
	2	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. Leave several inches of markings visible. Some owners may choose to use a float and console type of probe instead of a measuring stick.				
	3	Immerse the sensor in liquid at least to a height that ensures the sensor is activated and alarm activates.				

		Sump Identifier/Number				
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.						
	4	Determine if the sensor is in alarm.				
	5	If the sensor alarms successfully, verify that either: the pump has automatically shut off when liquid activated the sensor; or the dispenser has automatically shut off when liquid activated the sensor, and the facility is always staffed when the pumps are operational.				
	6	If the sensor passed the visual inspection, the functional inspection for alarm, and each pump or dispenser is disabled, continue to Part B for liquid tightness and integrity testing. Write PASS or FAIL in the box on the right.				
Part B – Integrity Testing Steps	1	If necessary, add more water into the sump until the liquid level is at least 4 inches above the height required to activate the sensor.				
	2	Wait 5 minutes.				
	3	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.				
	4	Do not disturb the water in the sump for at least one hour.				
	5	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.				
	6	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. Write PASS or FAIL in the box on the right.				
After Test Steps	1	Remove the measuring stick or probe from the sump.				
	2	Remove as much water from the sump as possible. Ensure you properly manage the sump test water according to all legal requirements.				
	3	Reposition the sensor if needed, ensure that it is activated, and replace the sump cover and manhole cover.				
		Indicate PASS or FAIL For Each Sump				