

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

ANNUAL SPILL BUCKET INTEGRITY TESTING

➤ This form may be utilized to document integrity testing of spill containment buckets.
 ➤ Testing of all spill buckets is required at installation and at least once every 12 months thereafter.
 ➤ In the absence of an approved 3rd party test procedure or manufacturer's recommended practice, the test method outlined below in the "MDEQ Hydrostatic Test Procedure" section may be utilized.

Date of Test

UST Facility			Person Conducting Test		
Facility Name		MDEQ Facility ID #	Tester's Name		
Physical Address			Company		
City	County	State MS	MDEQ Certification #		Expiration Date
UST Owner			Tester's Signature		Date

Spill Bucket Testing					
Reason for Test	<input type="checkbox"/> New Installation	<input type="checkbox"/> Existing Installation (annual test)	<input type="checkbox"/> Release Investigation		
Construction	<input type="checkbox"/> Single-Walled	<input type="checkbox"/> Double-Walled	<input type="checkbox"/> Spill Bucket Liner	<input type="checkbox"/> Unknown	
Type of Test	<input type="checkbox"/> Hydrostatic (Complete "Test Data" table below)				
	<input type="checkbox"/> Vacuum (Attach test equipment manufacturer's data sheet/test protocol to this form)				
	<input type="checkbox"/> Other (Specify)				

MDEQ Hydrostatic Test Procedure

1. Clean out and properly dispose of all debris, soil and/or fluids from the spill bucket.
2. Visually examine to ensure there are no cracks, holes, or broken seals and the fill cap seals properly.
Note: If the fill cap does not seal – Remove adapter and drop tube and seal tank fill riser with a plumbers plug.
3. Fill with water to within 1 ½ inches of top and let stand 5 minutes to allow water to reach ambient temperature.
4. After 5 minutes has elapsed, document the initial water level measurement as measured from the bottom of the spill bucket to the nearest 1/16th inch.
5. Leave the spill bucket undisturbed for at least one hour then compare the starting fluid level to the ending level.
Note: For accuracy, the location where both the initial and final fluid levels are measured should be the same.
6. If the fluid level is the same or it has changed by 1/8th inch or less the spill bucket passes the test.
7. If the fluid level is different by more than 1/8th inch, the spill bucket fails the test.
Note: A leak less than 1/8th of an inch is still critical if the tank is using vapor monitoring as their method of leak detection For tests performed as part of a release investigation, fluid level readings should be taken very carefully.
8. Properly dispose of all test fluids at the conclusion of testing.

Note: MDEQ certification as a UST installer is required to install spill containment devices.

Test Data for the Year					
Tank ID (product stored)					
Area of Spill Bucket Tested	<input type="checkbox"/> Single-Walled	<input type="checkbox"/> Single-Walled	<input type="checkbox"/> Single-Walled	<input type="checkbox"/> Single-Walled	<input type="checkbox"/> Single-Walled
	<input type="checkbox"/> Double-Walled	<input type="checkbox"/> Double-Walled	<input type="checkbox"/> Double-Walled	<input type="checkbox"/> Double-Walled	<input type="checkbox"/> Double-Walled
Test Start Time					
Test End Time					
Test Beginning Level					
Test Ending Level					
Test Result (Pass/Fail)					
Vacuum Test – Gauge Range		Gauge Units	<input type="checkbox"/> in WC <input type="checkbox"/> Other: _____		

Comments: