

# 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 3<sup>rd</sup> 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 <b>MS</b>	City	State
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
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 15 minutes to allow water to reach ambient temperature.
4. After 15 minutes has elapsed, carefully measure the water level to the nearest 1/16<sup>th</sup> inch.
5. Leave the spill bucket undisturbed for at least one hour then compare the starting fluid level to the ending level.
6. If the fluid level is the same or it has changed by 1/8<sup>th</sup> inch or less the spill bucket passes the test.
7. If the fluid level is different by more than 1/8<sup>th</sup> inch, the spill bucket fails the test.
8. Any bucket that fails the test must be repaired or replaced (see note below).
9. Properly dispose of all test fluids at the conclusion of testing.

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

### Test Data for the Year

Tank ID (product stored)								
Test Start Time								
Test End Time								
Test Beginning Fluid Level								
Test Ending Fluid Level								
Test Result (Pass/Fail)								

Comments: