



**UNDERGROUND STORAGE TANK MANAGEMENT DIVISION**  
**TANK TIGHTNESS TESTING FORM**  
 This form can be used to comply with UST Control Regulations R61.92, Section 280.34

UST Facility		Person Conducting Test	
Facility ID#	Facility Name	Tester's Name	Phone Number
Physical Address		Testing Company	
City	State	Tester Certified by	
Owner Phone Number		Tester Certification #:	Expiration Date

**System Information and Testing Requirements**

*This form must be completed and included with the complete test data. Test data must include appropriate testing protocols as outlined by the manufacturer of the testing methodology. It must include waiting time between deliveries and testing, start and end time, and calculated leak rate. The tank testing method shall have been evaluated by an independent testing laboratory and demonstrated to meet the leak detection rate criteria. The tightness test shall be capable of detecting a leak rate of 0.10 gallons per hour with the probability of detection of 0.95 and a probability of false alarm of 0.05.*

Purpose of Test	<input type="checkbox"/> New Installation <input type="checkbox"/> In response to a Notice of Alleged Violation <input type="checkbox"/> Leak Investigation <input type="checkbox"/> As required by SCDHEC <input type="checkbox"/> Other: _____					
Description	Tank #	Tank #	Tank #	Tank #	Tank #	Tank #
Product Stored						
Tank Capacity						
Tank Construction	<input type="checkbox"/> Steel <input type="checkbox"/> Steel Clad <input type="checkbox"/> Fiberglass	<input type="checkbox"/> Steel <input type="checkbox"/> Steel Clad <input type="checkbox"/> Fiberglass	<input type="checkbox"/> Steel <input type="checkbox"/> Steel Clad <input type="checkbox"/> Fiberglass	<input type="checkbox"/> Steel <input type="checkbox"/> Steel Clad <input type="checkbox"/> Fiberglass	<input type="checkbox"/> Steel <input type="checkbox"/> Steel Clad <input type="checkbox"/> Fiberglass	<input type="checkbox"/> Steel <input type="checkbox"/> Steel Clad <input type="checkbox"/> Fiberglass

**Tank Tightness Test Data Table**

	Tank #	Tank #	Tank #	Tank #	Tank #	Tank #
Method Used (Estabrook, EZY 3 Locator, etc):						
Temperature Measuring Equipment and Method:						
Start Time:						
End Time:						
Start Pressure:						
End Pressure:						
Re-leveling Procedure Used:						
Groundwater Level and/or Water Sensors Used:						
Length of any waiting periods after product delivery, topping, or vapor space disturbances:						
Vapor Pocket Measurement and Elimination Procedure Used:						
Piping, Fittings, or Connections that were tightened or repaired:						

**Test Results**

**Note: Non passing test results must be reported to the Department within 24 hours.**

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
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I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements. Per SC Underground Storage Tank Regulations 61.92, 280.45 (b)(i), records of this testing must be kept until the next test. If this tank test is a result of repairs, Section 280.33(g) requires that the repair records be kept until permanent closure or change in service of the UST system.

Tester's Signature: \_\_\_\_\_ Date: \_\_\_\_\_



## Tank Tightness Testing for Underground Storage Tanks (USTs)

### General Information:

The primary purpose of this form is to provide consistency in the tank tightness testing requirements as outlined by the South Carolina Underground Storage Tank Regulations 61-92.

Please type or print in ink. Also, please be sure that you have signatures in ink.

*Who must complete this form?*

Any person or their authorized representative (such as a tester or contractor) that conducts tank tightness testing.

*What USTs are included?*

An UST system is defined as any one or combination of tanks that is used to contain an accumulation of regulated substances, and whose volume (including connected underground piping) is 10 percent or more beneath the ground. Regulated USTs store petroleum or hazardous substances. This includes UST systems with field-constructed tanks and airport hydrant fuel distribution systems.

*What Tanks are Excluded from these Requirements?*

- Tanks removed from the ground prior to January 1, 1986;
- Farm or residential tanks of 1,100 gallons or less used to store motor fuel for noncommercial purposes;
- Tanks storing heating oil for use on the premise being stored;
- Septic tanks;
- Certain pipeline facilities regulated under Chapters 601 and 603 of Title 49;
- Surface impoundments, pits, ponds, or lagoons;
- Storm water or wastewater collection systems;
- Flow-through process tanks;
- Liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
- Tanks on or above the floor of underground areas, such as basements or tunnels;
- Tanks with a capacity of 110 gallons or less;
- Wastewater treatment tank systems;
- UST systems containing radioactive materials that are regulated under the Atomic Energy Act of 1954;
- UST systems that are part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR part 50.

### *What Substances are Covered?*

These requirements apply to USTs containing petroleum or certain hazardous substances. Petroleum includes gasoline, used oil, diesel fuel, crude oil, or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees F and 14.7 pounds per square inch absolute). Hazardous substances are those found in Section 101 (14) of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) of 1980 with the exception of those substances regulated as hazardous waste under Subtitle C of the Resource Conservation and Recovery Act (RCRA).

### **Instructions for Completing the Containment Sump Integrity Form:**

UST Facility Information: Enter name and complete address of the facility, the permit identification number for the facility, and the owner phone number.

Person Conducting the Test: Enter the tester's name and their company including the city and state from which they operate and their certification information.

#### System Information and Testing:

- 1) Purpose of the test: Indicate by checking the box why the test was being conducted
- 2) Provide the details regarding the tanks being tested to include product, capacity and construction.

Tank Tightness Test Data Table: Please provide all of the details regarding the methodology for the tank(s) being tested.

Test Results: Check if the tank(s) tested passed or failed.

Comments: Add any comments or notes, particularly if there were any failing results.

Testers Signature: The person conducting the test must sign and date the test.

#### **Office Mechanics and Filing:**

After completing the form, retain a copy in your files. If this is completed in response to an inspection, please forward it to the Department for your review. It will become part of your permanent file.

**Contact Information:** Please contact the UST Division at (803) 898-0589 for further information.