



**Release Detection Equipment Testing**  
 This form can be used to comply with SC UST regulation 280.40(a)(3).

This form may be used to document the annual testing of release detection equipment. Please complete the section(s) that are applicable to the equipment at your facility. Inspect equipment in accordance with manufacturer's guidelines. Results must be maintained for at least one year and be readily available for inspection. **Note: This form does not replace the need for the Sump Sensor Function Check form (DHEC Form 3318) or the Line Leak Detector Function Check form (DHEC Form 3316). These forms should be used in conjunction with this Release Detection Equipment Testing form.**

UST FACILITY		
Owner/Operator Name	Facility Name	Permit Number
Facility Street Address	Facility City	Facility County

CONTRACTOR/PERSON CONDUCTING INSPECTION			
Company Name	Phone	City	State

I certify, under penalty of law, that the testing data provided on this form documents the UST system equipment was tested in accordance with the manufacturer's instructions, an accepted industry code of practice, an independent laboratory or Department approved alternative. **Note: Any Response that is given a "No" is considered a failure and must be indicated as such on the form.**

Printed Name of Person Conducting Inspection	Signature of Person Conducting Inspection	Inspection Date
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	Tank #		Tank #		Tank #		Tank#		Tank#	
Automatic Tank Gauge Console Manufacturer:	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A
Is alarm functional?										
Is system correctly configured?										
Is battery backup functional?										
<b>Inspection Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>
Check Pass or Fail										

	Tank #		Tank #		Tank #		Tank#		Tank#	
Automatic Tank Gauge Probes and Sensors Manufacturer:	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A
Is there residual buildup present?										
Can the floats move freely?										
Is the shaft in operational condition?										
Are accessible cables free of kinks and breaks?										
Are they communicating properly with the controller?										
<b>Inspection Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>
Check Pass or Fail										

	Tank #		Tank #		Tank #		Tank#		Tank#	
Automatic Line Leak Detector Manufacturer:	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A
Can device detect 3 gallons per hour at 10 pounds per square inch within 1 hour by simulating a leak?										
Does the simulated leak cause an alarm (electronic only)?										
<b>Inspection Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>
Check Pass or Fail										

	Tank #		Tank #		Tank #		Tank#		Tank#	
Vacuum Probes and Pressure Gauges Manufacturer:	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A	Yes	No or N/A
Are they communicating properly with the controller?										
<b>Inspection Result</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>	<b>Pass</b>	<b>Fail</b>
Check Pass or Fail										

	Tank #			Tank #			Tank #			Tank#	
Hand-held Electronic Sampling Equipment	Yes	No or N/A		Yes	No or N/A		Yes	No or N/A		Yes	No or N/A
<b>Manufacturer:</b>											
<b>Model:</b>											
Is the equipment associated with groundwater monitoring?											
Is the equipment associated with vapor monitoring?											
Is the equipment operational?											
Has the equipment been properly calibrated monthly?											
Have calibration records been maintained for 1 year?											
<b>Other Equipment Approved by the Department</b>											
<b>Purpose of Equipment:</b>											
<b>Manufacturer:</b>											
<b>Model:</b>											
Does other equipment function according to manufacturer's specifications?											
Has the equipment been properly calibrated monthly, if applicable?											
Have all records been kept that indicate the equipment is acceptable for use?											
Comments and explanation of failing results and other problems noted during the inspection											



## Release Detection Equipment Testing for Underground Storage Tanks (USTs)

### General Information:

The primary purpose of this form is meet the release detection equipment 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 that has a UST(s) that utilizes tank and line release detection equipment.

*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 Release Detection Equipment Testing:**

I. UST Facility Information: Enter the owner/operator name, the name of the facility, permit identification number of the facility where the tank(s) are located and physical street address (including county).

II. Contractor/Person Conducting the Inspection: Provide the name of the company and its associated telephone number, city and state. Also, the person completing the form should print and sign their name as well as date the form.

III. Release Detection Equipment Testing (Table- General Information): Indicate the tank number for each column.

IV. Release Detection Equipment Testing (Table): Complete all applicable boxes in the table. Check yes or no to the questions that relate to the release equipment for each tank. You may answer N/A for any equipment that you do not currently have installed.

V. Inspection Result: For each tank, check whether the release detection equipment has passed or failed.

VI. Comments: Please provide any additional comments as well as an explanation of failing results, repairs made and any other pertinent issues in the space provided.

**Office Mechanics and Filing**: After completing the form, retain a copy in your files for review during your annual compliance inspection. If this is completed in response to an inspection, please forward it to the Department for review. It will become part of your permanent file.

**Retention Schedule**: Forms will be retained within DHEC's electronic records for a period of 13 years after tanks are permanently closed.

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