



**UNDERGROUND STORAGE TANK
WALKTHROUGH INSPECTION CHECKLIST/OPERATOR LOG**
 This form may be used to comply with UST Control Regulations R.61-92, Sections 280.36 and 280.242(b)(3)
 UST Management Division Contact (803) 898-0589

GENERAL INFORMATION

Facility Permit ID #:	Facility Name:	Name of Person Conducting Inspection:	Date:
Facility Address:	Phone Number:		

Initial each column below the date of the inspection to indicate that the device/system was inspected and found to be satisfactory on that date. For those items not applicable for this facility, please indicate "N/A". Keep this record for no less than three (3) years. The walkthrough portion of this form must be completed by a knowledgeable person according to an established code of practice. The A/B operator must complete the designated A/B Operator requirements.

Monthly Inspection Requirements (R.61-92, Part 280)
 (Indicate in the space under each month the actual date of the inspection)

Spill Prevention Equipment		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Walkthrough Inspection Requirements, 280.36(a)(1)(i)(A)													
Spill Containment Bucket	1	Visually checked the spill prevention equipment for damage.											
	2	Physically removed any liquid or debris.											
	3	The interstitial space on double walled spill buckets is being monitored and checked for leaks (if applicable).											
Fill Cap	4	Checked fill cap to ensure that it is securely on the fill pipe.											
Fill Pipe	5	Checked for (and removed) any obstructions in the fill pipe.											
A/B Operator Requirements 280.242(b)(3). AB Log Item 6: Spill, overflow, and corrosion protection systems are in place and operational.													
Overflow Devices	6	The overflow alarm (if applicable) is audible and visible to the transport driver.											
	7	The overflow devices are present and visually operable.											
Release Detection Equipment													
Walkthrough Inspection Requirements, 280.36(a)(2)(i)(B)													
Automatic Tank Gauge (ATG)	8	The ATG is operating with no alarms or unusual operating conditions.											
	9	Visually checked for warning or alarm lights.											
Line Leak Detection	10	Documented any unusual operating conditions such as dispensers operating at a slow flow rate.											
	11	Results submitted to a 3rd party so that a passing result can be received for each month											
Statistical Inventory Reconciliation (SIR)	11												

Monthly Inspection Requirements (R. 61-92, Part 280)

(Indicate in the space under each month the actual date of the inspection)

The walkthrough portion of this form must be completed by a knowledgeable person according to an established code of practice. The A/B operator must complete the designated A/B Operator requirements.

Release Detection Equipment		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Walkthrough Inspection Requirements, 280.36(a)(1)(i)(B) (continued)													
Interstitial Monitoring	12	The monitoring equipment was checked for alarms or unusual operating conditions.											
Alarms	13	If alarms have occurred, they have been investigated and resolved.											
Records	14	All leak detection records are being kept. Examples include: ATG slips or SIR results, sensor printouts, visual logs											
<p><i>A/B Operator Requirements 280.242(b)(3). AB Log Item 1: Each assigned facility has accomplished the required release and leak detection monitoring; AB Log Item 2: Each assigned facility has the required release and equipment monitoring records; AB Log Item 3: Required equipment and system testing has been accomplished; AB Log Item 4: Unusual operating conditions or release detection system indications have been reported and investigated; and AB Log Item 5: Routine operations and maintenance activities have been accomplished.</i></p>													
Recordkeeping and Reporting	15	All non passing (ie failing, inconclusive, high level) monthly monitoring results have been reported to the Department.											
	16	All annual system and equipment testing has occurred and non-passing results were reported to the Department.											
Cathodic Protection Equipment													
<i>A/B Operator Requirements 280.242(b)(3). AB Log Item 6: Spill, overflow, and corrosion protection systems are in place and operational.</i>													
Testing	17	Testing has been done every three years as required.											
	18	If the test did not pass, the system was repaired and retested within 6 months.											
	19	For Impressed Current systems only, the rectifier is on and operational.											
	20	For Impressed Current systems only, rectifier readings were taken and recorded at the minimum every 60 days.											
Optional (21-23). may be used to replace DHEC Form 0648	21	Rectifier Manufacturer/Model: _____ Rectifier Serial Number: _____ Amps (record in blocks)											
	22	Volts (record in blocks)											
	23	Hour meter if applicable (record in blocks)											

		Other											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec

<i>A/B Operator Requirements 280.242(b)(3) AB Log Item 6: Spill, overflow, and corrosion protection systems are in place and operational; and AB Log Item 7: Class C operators have been designated and trained.</i>													
Metal Components	24	Metal components were checked and are not in contact with soil, water or other components.											
Class C Operators	25	Class C operators have been designated, trained and documentation is available on site.											

Annual Inspection Requirements (R-61-92, Part 280)

The walkthrough portion of this form must be completed by a knowledgeable person according to an established code of practice. The A/B operator must complete the designated A/B Operator requirements.

Containment Sumps

Year: _____

Walkthrough Inspection Requirements, 280.36(a)(2)(iii)(A)													
Containment Sumps (i.e. STP sumps, Transition sumps, Under Dispenser Containment)	26	Visually checked the containment sumps for damage and leaks.											
	27	Physically removed any liquid or debris.											
	28	The interstitial space on double walled containment sumps is being monitored and checked for leaks (if applicable).											

Handheld Equipment

Walkthrough Inspection Requirements, 280.36(a)(2)(iii)(B)

Groundwater/Vapor Monitoring	29	The monitoring equipment has been checked for operability and serviceability.											
Gauge Sticks	30	The gauge stick is in good operational condition with plastic button intact if applicable.											

Operator Information-Quarterly Visits

A/B Operator Requirements 280.242(b)(3) A/B Log Item 8: Class A/B Operators must physically visit each assigned facility quarterly.		EX	1 st Quarter (Jan-Mar)	2 nd Quarter (Apr-Jun)	3 rd Quarter (July-Sept)	4 th Quarter (Oct-Dec)
Quarterly A/B operator visits	31	AMP				

EPA Recommended Activities

Fill/Monitoring Ports	32	All covers have been checked to ensure that they are tightly sealed and secured.					
Spill and Response Supplies	33	All emergency spill supplies have been inspected for functionality and deterioration.					
Corrosion	34	Observed any signs of corrosion on UST equipment.					

Document in the space below any issues that were found during monthly and quarterly walkthrough inspections and the action taken to correct the issues (attach additional paper as necessary):

Date	Issue	Action Taken

By initialing the required boxes on this form, the A/B operator is hereby certifying that the required compliance activities have been performed in accordance with the requirements of Section 280.242(b)(3)(i) through(vii) and 280.242(b)(4). Failure to keep this form and keep it on file for at least one year will also result in a violation of UST Regulation R.61-92, 280.36 and may subject the owner/operator to further penalty and enforcement action under the State Underground Petroleum Environmental Response Bank ("SUPERB") Act.



Walkthrough Inspection Checklist/Operator Log for Underground Storage Tanks (USTs)

General Information:

The primary purpose of this form is to meet both the A/B Operator Log and the walkthrough requirements as outlined by the South Carolina Underground Storage Tank Regulations 61-92. Please note that this form may be used as a standalone form. 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 that can be considered knowledgeable in the codes of practice and equipment associated with UST systems may complete the walkthrough portions. The A/B operator must complete the A/B log portions. The A/B operator and/or tank owner is responsible for ensuring that all inspections are adequately completed.

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 Walkthrough Inspection Checklist/Operator Log:

General Information: Enter the permit identification number for the facility, the name, address and phone number for the facility as well as the person conducting the walkthrough. The year for the inspection must also be noted. .

Monthly Inspection Requirements: Indicate the date the inspection was conducted (month and day). Initial each box for numbers 1-24 indicating that these items have been inspected. **Note:** For Item 21, you may use this row as a replacement for the Impressed Current Rectifier Log if you complete the amps, volts and hour meter info in the blank (see example).

Annual Inspection Requirements: Indicate the year the inspection was conducted in the blank. Below the year enter the exact date in which the inspection occurred. Initial each box for numbers 25-29 indicating that these items have been inspected.

Operator Information-Quarterly Visits: Initial the box for each quarter indicating that the A/B operator visited the facility to ensure that the Items listed were completed.

EPA recommended Activities: The activities in this section are recommended and will not lead to violations; however, should be considered best practices. Initial the boxes for 31-33 should you complete the recommended activities.

Issues Table: Indicate the date, issue found and the action taken to fix the issue.

Office Mechanics and Filing: After completing the form, retain a copy in your files 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 under retention schedule 10304.

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