



## An Owner/Operator's Implementation Guide for the South Carolina Underground Storage Tank Control Regulations 61-92 Part 280

### Changes effective May 26, 2017

- **Flow restrictor (Ball Float Vent Valves)**  
[280.20\(c\)\(3\)](#) - No vent line flow restrictors (Ball Float Vent Valves) may be installed at new facilities or installed at any existing facility.
- **Testing after repairs**  
[280.33\(d\)](#) and [280.33\(f\)](#) - Within 30 days after repair, overfill prevention equipment must be tested for proper function, and spill containment and secondary containment areas of tanks and piping used for interstitial monitoring must be tested for tightness.
- **Closure for internally lined tanks that fail the internal lining inspection and cannot be repaired**  
[280.21\(b\)\(1\)\(iii\)](#) - Internally lined tanks that fail the internal lining inspection and cannot be repaired in accordance with a nationally recognized code of practice must be permanently closed.
- **Written notification is required within 30 days of acquisition for a change in tank ownership** [280.22\(b\)](#)
  - ❖ DHEC Ownership Transfer Form: D-3871
- **Written notification is required for a change-in-service and closure 30 days prior to change**  
[280.71\(a-c\)](#) - Intent to permanently close, make a change-in-service or replace previously installed piping and dispensers. (A change-in-service is switching from a non-regulated substance to a regulated substance or switching from a regulated to a non-regulated substance).  
[280.32\(b\)](#)-This notification must be in writing. NOTE: A regulated substance includes a substance greater than 10 percent ethanol, greater than 20 percent biodiesel or any other regulated substance identified by the DHEC.
- **New groundwater and vapor monitoring site assessment must be signed by a licensed professional**  
[280.45\(a\)](#) - All facilities conducting monthly groundwater and vapor monitoring for release detection must have a valid site assessment. All new site assessments developed after May 26, 2017, must be signed by a P.E., P.G., or equivalent licensed professional with experience in environmental engineering, hydrology, or other relevant technical discipline.
- **24-hour release reporting**  
[280.50](#) - A suspected release must be reported to the DHEC within 24 hours of discovery.
- **The Certificate of Financial Responsibility no longer has to be provided at the time of inspection**  
[280.111\(b\)\(8\)](#) - Certificates of Financial Responsibility will no longer be required at a Compliance Inspection.
  - ❖ DHEC Certificate of Financial Responsibility Form: D-3472

**DHEC 24-Hour Emergency Response Line:** 1-888-481-0125

**DHEC Report It Webpage:** [www.scdhec.gov/HomeAndEnvironment/ReportIt/](http://www.scdhec.gov/HomeAndEnvironment/ReportIt/)

**DHEC UST Division:** (803) 898-0589 / (803) 898-2544

**DHEC Website:** [www.scdhec.gov/ust](http://www.scdhec.gov/ust)

**UST Forms:** [www.scdhec.gov/permits-regulations/forms-applications-registration-reporting-etc](http://www.scdhec.gov/permits-regulations/forms-applications-registration-reporting-etc)

**EPA UST Website:** [www.epa.gov/ust](http://www.epa.gov/ust)

## Requirements to be met by May 26, 2020

- **Release detection equipment**

280.40(a)(3) - Release detection equipment must be tested for proper operation at least annually.

- *Release Detection Methods Include:*

- Automatic Tank Gauging (ATG)
- Automatic Line Leak Detector (mechanical and electronic)
- Vacuum Probes / Pressure Gauges
- Hand-held electronic sampling equipment
- ❖ DHEC Release Detection Equipment Testing Form: D-3188

- **Spill prevention equipment and containment sumps used for interstitial monitoring** 280.35(a)(ii) - Spill prevention equipment and containment sumps used for interstitial monitoring must be tested once every three years (or use a double-walled containment sump/spill bucket with 30 day interstitial monitoring). 280.35(b)(1) - The initial test must be conducted no later than May 26, 2020 and every three years thereafter. If UST system is installed after May 26, 2017, initial testing of equipment starts the three year requirement.

- *Spill Bucket Testing Options:*

- Perform Hydrostatic or Vacuum Test
- ❖ DHEC Spill Bucket Integrity Testing Form: D-2562

- *Containment Sump Testing Options:*

- Perform Hydrostatic or Vacuum Test
- Low level testing if sensors are in place with positive shutdown.
- ❖ DHEC Containment Sump Integrity Testing Form: D-3183

- **Overfill prevention equipment inspection**

280.35(a)(2) - Overfill prevention equipment must be inspected at least once every three years. 280.35(b)(1) - The initial test must be conducted before May 26, 2020. If UST system is installed after May 26, 2017, initial testing of equipment starts the three year requirement.

- *Overfill Equipment Repair Options:*

- Ball Float Vent Valve - No new installations. Repair and re-test. If unable to repair, install either method listed below.
- Drop Tube Shut Off Valve - Repair and re-test; or install new drop tube shut off valve or audible/visual alarm.
- Audible/Visual Alarm - Repair and re-test; or install drop tube shut off valve.
- ❖ DHEC Overfill Prevention Form: D-3187

- **Supplemental training for existing A/B operators**

280.43(a) - For A/B operators certified prior to May 26, 2017, supplemental training must be completed.

- ❖ <https://apps.dhec.sc.gov/Environment/USTOperatorTraining>

- **Walkthrough inspections**

280.36(a)(1)(i) - Conduct walkthrough inspections that will visually check for damage to the spill prevention equipment and release detection equipment every 30 days. 280.36(a)(1)(ii) - Conduct walkthrough inspections that will visually check for damage to the containment sumps and hand held release detection equipment annually.

- ❖ DHEC Walkthrough Checklist Form: D-3184

- **Emergency Generator UST Systems**

280.10(a)(1)(ii) - Release detection is required for emergency generator UST systems permitted before May 23, 2008 and all new installs.

- **Airport Hydrant Systems and Field Constructed Tanks**

280.251(a)(2)(i) - A one-time notification of existence is required for airport hydrant fuel distribution systems and UST systems with field constructed tanks.

- ❖ DHEC Notification of USTs Currently in Operation Form: D-1917

- **Groundwater and Vapor Monitoring**

280.45(a) - Records of site assessments for groundwater and vapor monitoring must be maintained for as long as the methods are used.

**Disclaimer:** This document is provided by DHEC as a condensed reference for the regulated community. Every effort has been made to ensure its accuracy; however, it is not intended as a substitute for the requirements in the South Carolina Underground Storage Tank Control Regulations (SCUSTCR) R.61-92, Part 280 as published in the State Register. Tank owners/operators are responsible for compliance with SCUSTCR R 61-92, Part 280.