



Overview of Revisions to UST Regulations



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Background

UST REGULATION

Federal UST Regulations became effective



1988

2015



STATE PROGRAM APPROVAL

Many states currently have SPA but have to reapply to retain SPA status.



2019

EPA PUBLISHES REVISED UST REGULATIONS

- Operating and maintaining UST equipment
- Preventing and detecting UST releases

Summary of Changes

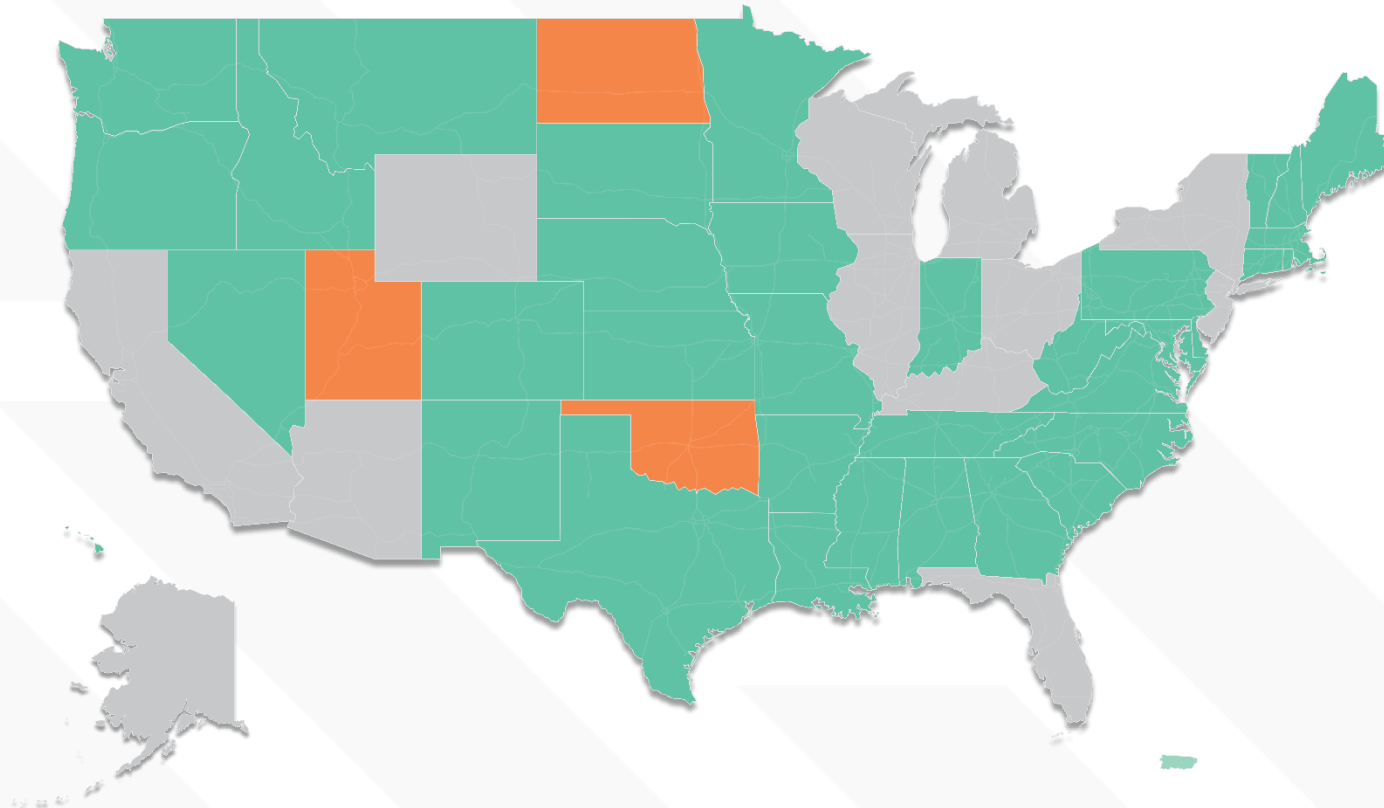
- ▶ Added secondary containment requirements and interstitial monitoring for new and replaced tanks and piping
- ▶ Added operator training requirements
- ▶ Added periodic operation and maintenance requirements for UST systems
- ▶ Removed past deferrals for emergency generator tanks, field constructed tanks, and airport hydrant systems.
- ▶ Made editorial and technical corrections



State Led Programs

- ▶ The 2015 State Program Approval (SPA) regulation also modified SPA requirements in 40 CFR 281
- ▶ Many states currently have SPA but have to reapply to retain SPA status. Owners and operators in these states must continue to follow their state requirements until the state changes its requirements or until the state's SPA status
- ▶ Owners and operators in 16 non-SPA states must meet the federal requirements according to the schedule in the 2015 UST regulation.

April 2019 SPA Map



- Approved Program under the 1988 Regulation (38 States plus DC and PR)
- Approved Program under the 2015 Regulation

Testing and Inspections

The primary changes focused on testing and inspections via:



Walkthrough inspections

Overfill prevention equipment inspections

Spill prevention equipment and/or containment sump testing

Release detection equipment testing

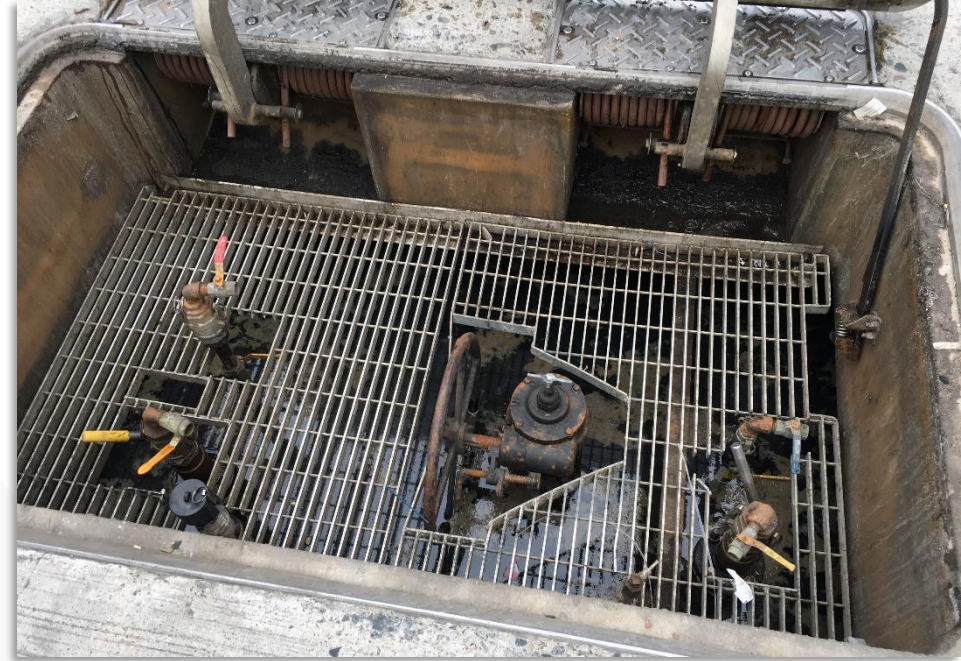
Effective October 2018 – Federal

Effective January 2020 - Missouri

Testing and Inspections

Walkthrough Inspections

- ▶ Every 30 Days
 - Check spill prevention equipment
 - Check release detection equipment and records
 - Dispenser sumps
- ▶ Annually
 - Check STP containment sumps
 - Check hand held release detection equipment
- ▶ Keep records of the walkthrough inspections for 1 year



Testing and Inspections

Overfill prevention equipment testing

- ▶ Every 3 years
- ▶ Inspect to ensure overfill operates as intended (flapper valves, ball float valves, alarm)
- ▶ Must follow manufacture's approved test method
- ▶ Applies to all UST systems
- ▶ Keep records for 3 years



Testing and Inspections

Spill prevention equipment and containment sump testing

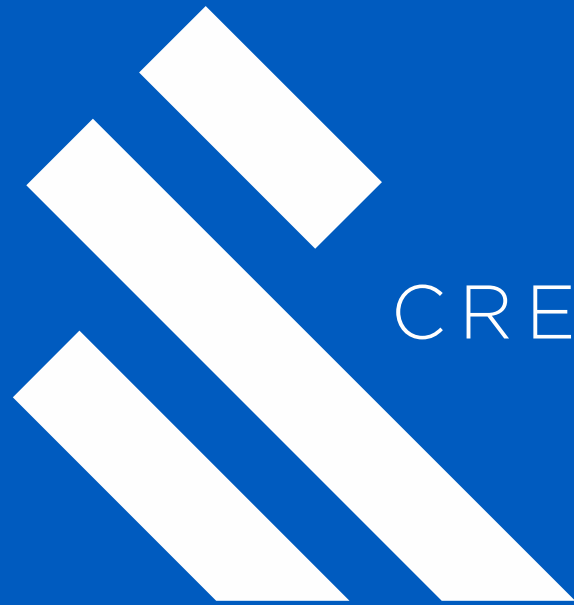
- ▶ Test every 3 years
- ▶ Required to make sure the spill bucket will hold drips and small spills
- ▶ Applies to a UST systems
- ▶ Testing not required for double-walled spill buckets with interstitial monitoring
- ▶ Keep records for 3 years



Release Detection Equipment Testing

- Test annually
- Required to make sure the release detection equipment is operating properly (**Test Alarms!**)
- ATG – Must remove probes and/or sensors
- Applies to all UST systems
- Must be conducted by a trained/certified technician
- Keep records for 3 years
- The record must include each component tested, result of test and action taken to correct an issue.





CREATE AMAZING.

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