

Summary of new Federal and State requirements incorporated into the Georgia Rules for Underground Storage Tank Management, Chapter 391-3-15, effective December 15, 2017

2015 UST Regulation Requirement ¹	2015 Regulation Implementation Timeframe ²	GA Rule 391-3-15 Implementation Timeframe	Additional Information
Flow restrictors (ball float valve) in vent lines may no longer be used to meet the overfill prevention requirement at new installations and when an existing flow restrictor needs replacement.	October 13, 2015	December 15, 2017	Automatic shutoff devices (flapper valves) or overfill alarms must be used at new installs and when ball float replacement is needed.
Test secondary containment following repair Test or inspect spill/overfill equipment following a repair	October 13, 2015	December 15, 2017	
Closure of internally lined tanks that fail the internal lining inspection and cannot be repaired according to a code of practice	October 13, 2015	December 15, 2017	
For airport hydrant fuel distribution systems and UST systems with field-constructed tanks: <ul style="list-style-type: none"> • Notification and financial responsibility • Release reporting • Closure 	October 13, 2015	December 15, 2017	
Demonstrating compatibility for systems with greater than 10% ethanol or greater than 20% biodiesel	October 13, 2015	December 15, 2017	
Notification of ownership changes	October 13, 2015	February 18, 1990	Original Rule 391-3-15-.05 – “UST Systems: Design, Construction, Installation and Notification” adopted January 29, 1990; effective date of February 18, 1990.
Secondary Containment and interstitial monitoring for new and replaced tank/piping	April 11, 2016	April 7, 2008	Georgia Rule 391-3-15-.07 – “Release Detection” amended Mar. 18, 2008; effective date Apr. 7, 2008 to satisfy requirements of the federal Energy Policy Act of 2005.
Under-dispenser containment for new dispenser systems	April 11, 2016	April 7, 2008	
Operator training	October 13, 2015	August 8, 2012	Georgia Rule 391-3-15-.16 – “Operator Responsibilities, Training and Examinations” adopted Aug. 28, 2009; effective date of Rule Sept. 17, 2009. Effective date of Georgia operator training requirement August 8, 2012. Adopted to satisfy requirements of federal Energy Policy Act of 2005.

¹ Code of Federal Regulations 40 CFR Part 280, effective date of October 31, 2015.

² The Federal implementation timeframe is provided for comparison purposes only. The Rule 391-3-15 Implementation Timeframe is applicable to UST systems in Georgia.

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2015 UST Regulation Requirement ¹	2015 Regulation Implementation Timeframe ²	GA Rule 391-3-15 Implementation Timeframe	Additional Information
Site Assessment records for groundwater and vapor monitoring	October 13, 2018	December 15, 2020	
For previously deferred UST systems: <ul style="list-style-type: none"> • Release detection for UST systems that store fuel solely for use by emergency power generators • Subpart K for airport hydrant fuel distribution systems and UST systems with field constructed tanks 	<i>New System:</i> Oct 13, 2015 <i>Existing System:</i> Oct 15, 2018	<i>New System:</i> Dec. 15, 2017 <i>Existing System:</i> Dec 15, 2020	
Spill prevention equipment testing	<i>New System:</i> Oct 13, 2015 <i>Existing System:</i> Oct 15, 2018	<i>New System:</i> Dec. 15, 2017 <i>Existing System:</i> Dec 15, 2020	Frequency of once every three (3) years.
Containment sump testing for sumps used for piping interstitial monitoring			
Overfill prevention equipment inspections			
Release detection equipment testing	October 13, 2018	December 15, 2020	Frequency of once per year.
Walkthrough Inspections: <i>Once every 30 days:</i> <ul style="list-style-type: none"> • Spill Prevention equipment inspection • Release detection equipment inspection <i>Annually:</i> <ul style="list-style-type: none"> • Containment sump inspection • Handheld release detection equipment inspection (e.g., gauge sticks, bailers) 	October 13, 2018	December 15, 2020	

Additional State-Specific Requirements	GA Rule 391-3-15 Implementation Timeframe	Additional Information
All records shall be maintained for a minimum period of thirty-six (36) months, unless a longer period is specified in 40 CFR 280.	December 15, 2017	
Annual Tank Registration must be completed by December 31 st of each year.	December 15, 2017	Extended deadline from September 1 to December 31 st of each year.

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Spill Prevention Equipment and Containment Sump Testing Details (once every 3 years)

For existing systems, the first test must be conducted by December 15, 2020³. GA Rule 391-3-15-.06; 40 CFR 280.35.

- The spill prevention equipment and containment sumps used for interstitial monitoring of piping are tested to ensure the equipment is liquid tight by using vacuum, pressure, or liquid testing, or
- The equipment is double walled and interstitial monitoring is performed monthly.

Overfill Prevention Equipment Inspections Details (once every 3 years)

For existing systems, first test must be conducted by December 15, 2020³. GA Rule 391-3-15-.06; 40 CFR 280.35.

- At a minimum, the inspection must ensure that overfill prevention equipment is set to activate at the correct level specified in §280.20(c) and will activate when regulated substance reaches that level.

Release Detection Equipment Testing Details (once per year)

For existing systems, first test must be conducted by December 15, 2020. GA Rule 391-3-15-.07; 40 CFR 280.40.

Release detection equipment testing must cover the following components:

- Automatic tank gauge and other controllers: test alarm; verify system configuration; test battery backup;
- Probes and sensors: inspect for residual buildup; ensure floats move freely; ensure shaft is not damaged; ensure cables are free of kinks and breaks; test alarm operability and communication with controller;
- Automatic line leak detector: test operation to meet criteria in §280.44(a) by simulating a leak;
- Vacuum pumps and pressure gauges: ensure proper communication with sensors and controller; and
- Hand-held electronic sampling equipment associated with groundwater and vapor monitoring: ensure proper operation.

Walkthrough Inspection Details

First inspection must be conducted by December 15, 2020. GA Rule 391-3-15-.06; 40 CFR 280.36.

Once every 30 Days (or if deliveries occur more often than every 30 days, check prior to each delivery):

- Spill prevention equipment – visually check for damage; remove liquid/debris; check for and remove obstructions in fill pipe; check fill cap to make sure it is securely on the fill pipe; and for double walled spill prevention equipment with interstitial monitoring, check for a leak in the interstitial area.
- Release detection equipment – check to make sure the release detection equipment is operating with no alarms or other unusual operating conditions present; and ensure records of release detection are reviewed and current.

Annually:

- Containment Sumps – visually check for damage, leaks to the containment area, or releases to the environment; remove liquid (in contained sumps) or debris; and, for double walled sumps with interstitial monitoring, check for a leak in the interstitial area.
- Hand held release detection equipment – check devices such as tank gauge sticks or groundwater bailers for operability and serviceability.

³ UST systems installed on or after December 15, 2017 must meet these requirements at installation.