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

<table>
<thead>
<tr>
<th>2015 UST Regulation Requirement</th>
<th>2015 Regulation Implementation Timeframe</th>
<th>GA Rule 391-3-15 Implementation Timeframe</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>October 13, 2015</td>
<td>December 15, 2017</td>
<td>Automatic shutoff devices (flapper valves) or overfill alarms must be used at new installs and when ball float replacement is needed.</td>
</tr>
<tr>
<td>Test secondary containment following repair</td>
<td>October 13, 2015</td>
<td>December 15, 2017</td>
<td></td>
</tr>
<tr>
<td>Test or inspect spill/overfill equipment following a repair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Closure of internally lined tanks that fail the internal lining inspection and cannot be repaired according to a code of practice</td>
<td>October 13, 2015</td>
<td>December 15, 2017</td>
<td></td>
</tr>
</tbody>
</table>
| For airport hydrant fuel distribution systems and UST systems with field-constructed tanks:  
  - 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 | |
| Under-dispenser containment for new dispenser systems | April 11, 2016 | April 7, 2008 | |

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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<td>Site Assessment records for groundwater and vapor monitoring</td>
<td>October 13, 2018</td>
<td>December 15, 2020</td>
<td></td>
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</table>
| For previously deferred UST systems:  
  - 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 | New System: Oct 13, 2015  
Existing System: Dec 15, 2020 | |
Existing System: Dec 15, 2020 | Frequency of once every three (3) years. |
| Containment sump testing for sumps used for piping interstitial monitoring | Existing System: Oct 15, 2018 | |
| Overfill prevention equipment inspections | | | |
| Release detection equipment testing | October 13, 2018 | December 15, 2020 | Frequency of once per year. |
| Walkthrough Inspections:  
  Once every 30 days:  
  - Spill Prevention equipment inspection  
  - Release detection equipment inspection  
  Annually:  
  - 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 |
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<td>All records shall be maintained for a minimum period of thirty-six (36) months, unless a longer period is specified in 40 CFR 280.</td>
<td>December 15, 2017</td>
<td></td>
</tr>
<tr>
<td>Annual Tank Registration must be completed by December 31st of each year.</td>
<td>December 15, 2017</td>
<td>Extended deadline from September 1 to December 31st of each year.</td>
</tr>
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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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### Spill Prevention Equipment and Containment Sump Testing Details (once every 3 years)

*For existing systems, the first test must be conducted by December 15, 2020*. 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, 2020*. 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.

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