

Certified Worker Program

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When the program got started:

- January 20, 1992
- Not much changed since first created.
- ***Critical Junctions***—those steps identified in *installation-critical junctions, repair-critical junctions, or closure-critical junctions* of UST systems, as defined in this Section.



How to get certified

- Application with fee
- Demonstrate knowledge
 - Experience: 2 years
 - Active participation: 5 jobs
- Pass written exam
 - Study guides on public website



Install

- *Installation-Critical Juncture*—those steps during the installation of a UST system that are crucial to the **prevention or detection of releases** from that system.



Install

- Excavation
- Placement of anchoring devices



Install

- Setting of the tank
- Strapping (if necessary)



Install

- Backfilling to the level of the tank
- Installation of release detection devices in the excavation zone



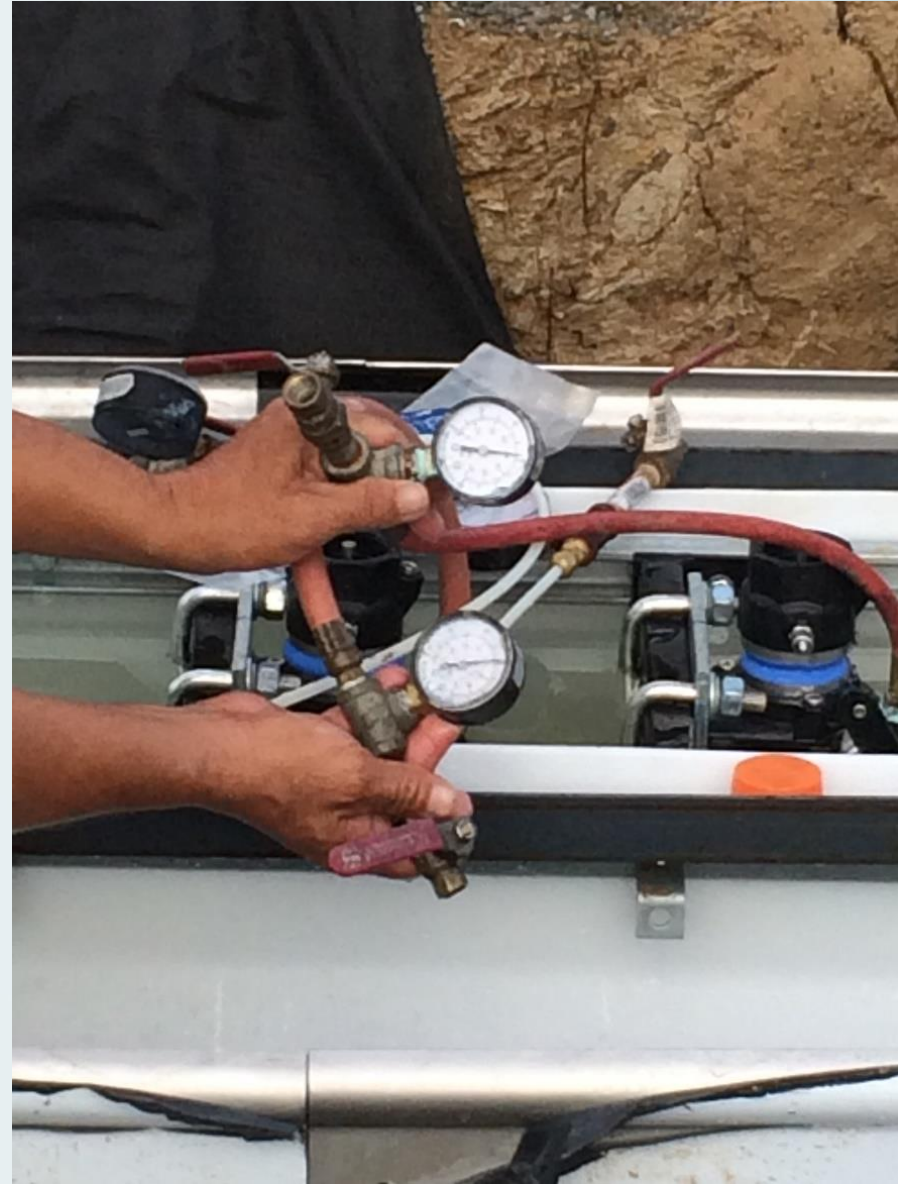
Install

- Piping components are connected
- Installation of containment sumps
- Installation of spill and overfill prevention equipment



Install

- All pressure testing of the UST system during the installation



Repair

- *Repair-Critical Juncture*—those steps in the UST system repair or modification process that are crucial to the **prevention of releases** from that system. These include the following:



Repair

- Excavation of existing tanks and/or piping
- Actual performance of the repairs
- When equipment is connected to the tank and/or piping



Repair

- Components of the piping are connected
- Tank and/or the associated piping are tested



Repair

- Removal and excavation of paving and backfill
- Cutting an access opening in the tank
- Inspection and precision testing of the completed lining.
- Reinstallation of the access opening.



Closure

- *Closure-Critical Juncture*—those steps in the UST system closure process that are crucial to the **prevention or detection of releases** from that system. These steps are:



Closure

- Process of cleaning/vapor removal



Closure

- All subsurface sample collection events, unless a **response action contractor** approved by the department under LAC 33:XI.Chapter 12 is present



Closure

Filling with inert material



Removal



Things that do not require CW

- Activities associated with the **assessment, remediation or corrective action** as long as activities do not include repair or modification of the UST system.
- Construction of UST **monitoring wells, borings or piezometers** when constructed as part of the **assessment or remediation**



Things that do not require CW

- Install/repair/closure of UST systems which are **excluded or partially excluded**
- Install/repair/closure of any **above ground component** of an UST system
- Install/repair/closure of any **non-UST improvements:** structures, fixtures or appurtenances at a UST facility
- Install/repair/closure, maintenance or inspection of **cathodic protection systems.**



Install-No CW

- Installation of a liner that is not part of a repair or cathodic protection upgrade.
- Dry fitting of piping



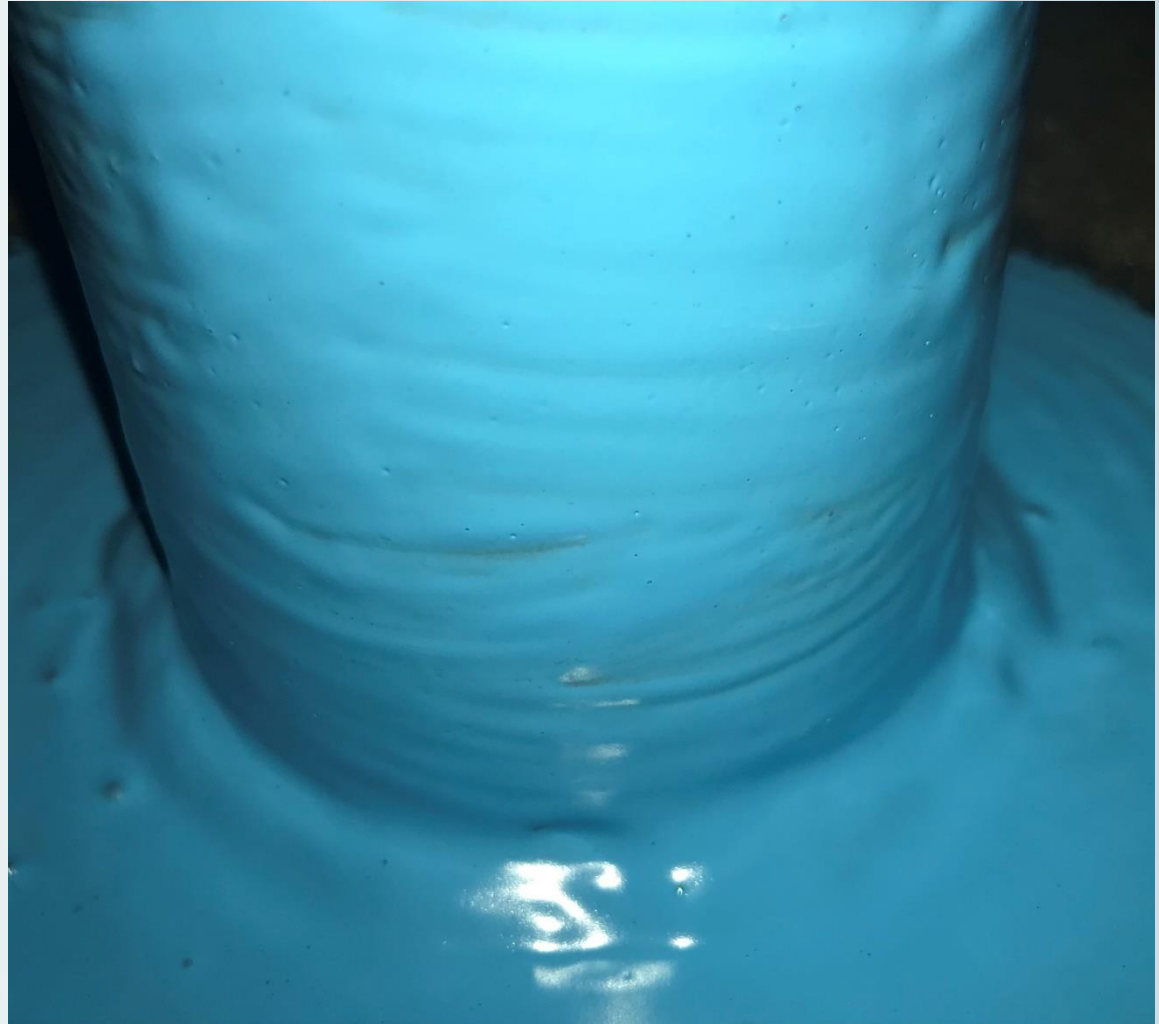
Repair-No CW

- Repair or replacement of **spill prevention** equipment, unless the **riser is disconnected** from the tank.
- Repair or replacement of a **containment sump** unless the **riser or product piping is disconnected**.
- Removal and reinstallation of an **overflow device** if **the riser is not removed** from the tank. If the device is directly connected to the tank then a certified worker is required.



Repair-No CW

- Inspection and assessment of the interior of the tank to determine whether the interior lining is appropriate or feasible.
- Application of appropriate lining materials (e.g., epoxy resins) to all or parts of the interior portion of the tank



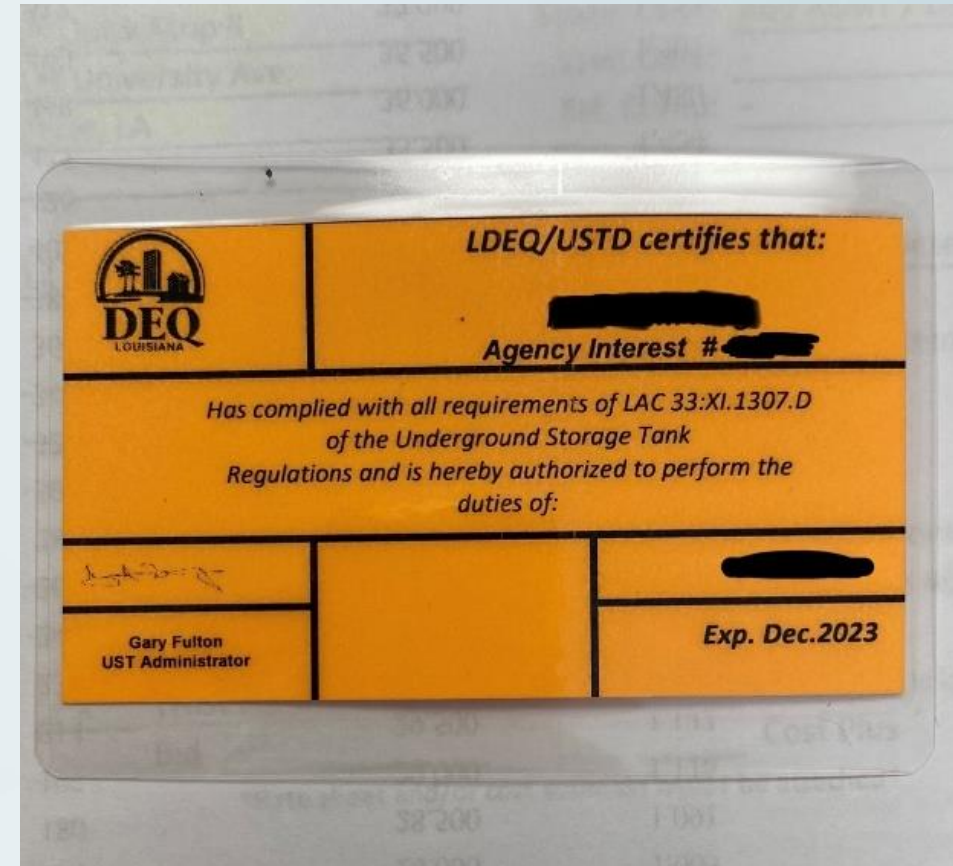
Closure-No CW

- Activities related to the **transportation, disposal and storage** of used UST system components.



How inspectors determine certification

- Department will issue an identification card
- Shall present his or her identification card upon request
- Public website



How to stay certified

- Continuing Education
 - List of courses on our public website
 - www.deq.Louisiana.gov
 - Request a course to be evaluated for acceptance



Responsibility of CW per LDEQ REGs

- 7 day notification prior to critical juncture
- Report incidents within 24 hours
- The LDEQ has no objection to the use of a **subcontractor** who is not a UST certified worker performing a critical juncture provided that there is a **certified UST worker present during the critical juncture** who has complete supervisory control over the UST work being performed.



Revoking Certification



Some things still go awry....

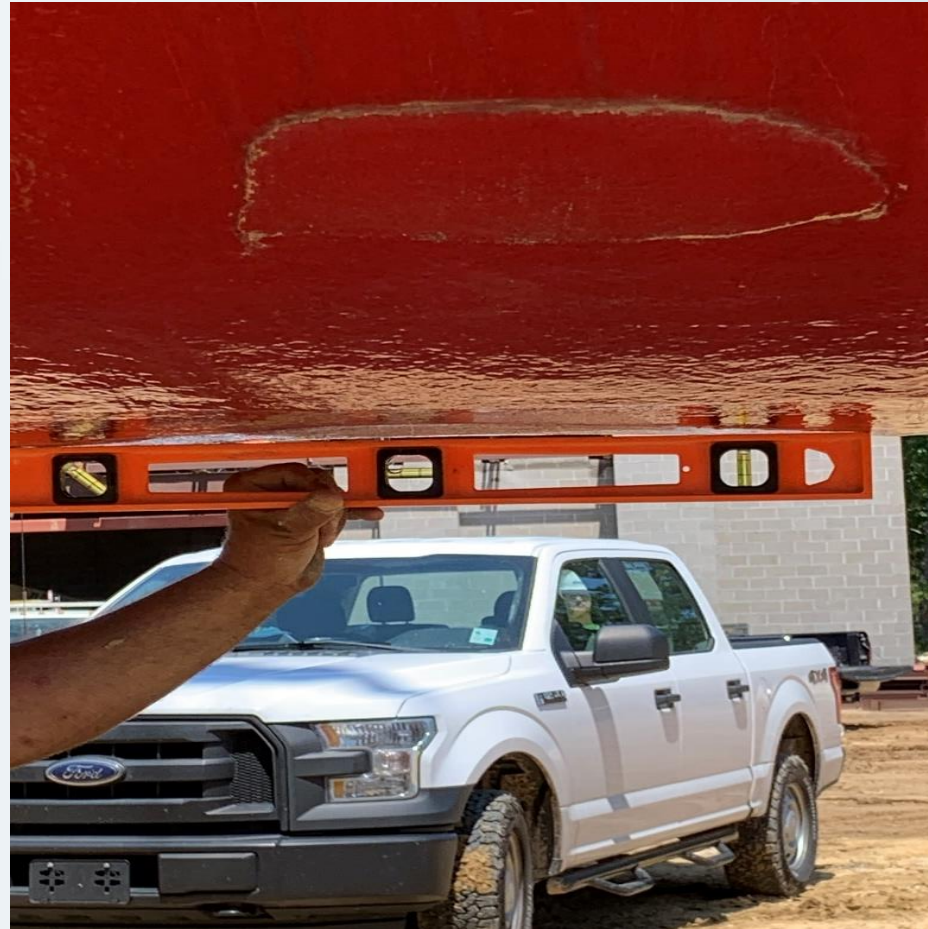
UST floated with massive rainfall during install



Hit an active fuel line during closure in place



UST arrived on site damaged



Parking lot repairs over empty USTs



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