

Underground Storage Tank Branch

Branch Manager- Therron Blatter

Underground Storage Tank Section

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Petroleum Storage Tank Fund Section

John Menatti – Section Manager with staff of 5

LUST Remedial Assistance Section

Paul Zahn – Section Manager with staff of 5

Underground Storage Tank (UST) Section

- Ensure compliance with state and federal rules
- UST compliance inspections
- UST installations & upgrades
- Permanent closure of UST systems
- USTs in Utah
 - 4015 tanks at 1361 facilities
 - 127 tanks permanently closed in 2015 (13944 total)
 - 118 tanks installed in 2015
 - 967 operational inspections in 2015



Petroleum Storage Tank (PST) Fund Section



- Regulate Cleanup of PST Fund Covered (171 sites)
- What is the fund
 - Voluntary Participation fund that meets EPA Financial Assurance Requirement
 - \$2 Million coverage per release
 - Covers abatement, investigation, cleanup and third party damages
- Results
 - 157 sites currently undergoing investigation or cleanup under PST fund financing.
 - 492 releases closed out under PST fund financing

LUST Remedial Assistance Section



- Regulate cleanup of responsible party funded releases (175 sites)
- Oversight of above ground storage tank cleanups (21 sites)
- LUST Trust investigations and cleanups
- Redevelopment of Petroleum Brownfields sites
- Results 2015
 - 121 releases closed out (4892 closed to date)
 - 86 new releases reported

Proposed changes to Utah
Underground Storage Tank Rules,
R311

Proposed Changes

- Incorporate by reference the new Federal UST regulations
- Modify UST rules to administer Federal regulations
- Remove redundant or out-of-date wording
- Make other necessary changes

UST System Components





XERXES[®]
a ZCL company
END TANK

815-0278-0277

UL-S92652
XERXES[®]
a ZCL company

815-0278-0277
DW







06/10 David 2010

UNDERGROUND STORAGE TANK CLASS C OPERATOR RESPONSIBILITIES

The Class C operator is an operator and is generally the first line of response to correct following emergency conditions. A Class C operator shall:

- (1) be present at the facility at all times during normal operating hours.
- (2) monitor product transfer operations according to 49CFR 192.36(a), to ensure that spills and overfills do not occur. Operators and operators must ensure that releases due to spilling or overfilling do not occur. The operator and operator must ensure that the volume available in the tank is greater than the volume of the product to be transferred to the tank before the transfer to tank and that the transfer operation is monitored continuously to prevent overfilling and spilling.
- (3) properly respond to releases, spills, and overfills.
- (4) notify Class A and/or Class B operators and appropriate emergency response when necessary.

(5) act in response to emergencies and other situations caused by spills or releases from an UST system that pose an immediate danger or threat to the public, to on-site employees, and the upper residential areas.

SPILLS AND OVERFILLS

Spills and overfills -- and 24/7 -- on the Operator Operator services/Class C operator Class A/B operators.

ALARMS

The following alarms may be encountered on the Transfer Base monitoring system:
High Water Warning/Alarms, Ground Alarm, Leak Alarm, Under Low Alarm, Under Low Alarm.

To silence alarms press the red ALARM/TEST key.

Transfer Class A/B operators if alarm does not clear.

PRODUCT DELIVERIES

Class C tank volume -- 17,075 gal. Operating tank volume -- 1,700 gal.
When delivery of fuel are made, the operator needs to ensure that volume available in the tank is greater than the volume of the fuel to be transferred to the tank prior to the transfer.
The volume of the fuel in the tank plus the volume of the fuel to be transferred shall be less than 19,075 gallons for the standard tank, and less than 2,700 gallons for the gasoline tank.

The following information shall be logged for each fuel delivery:

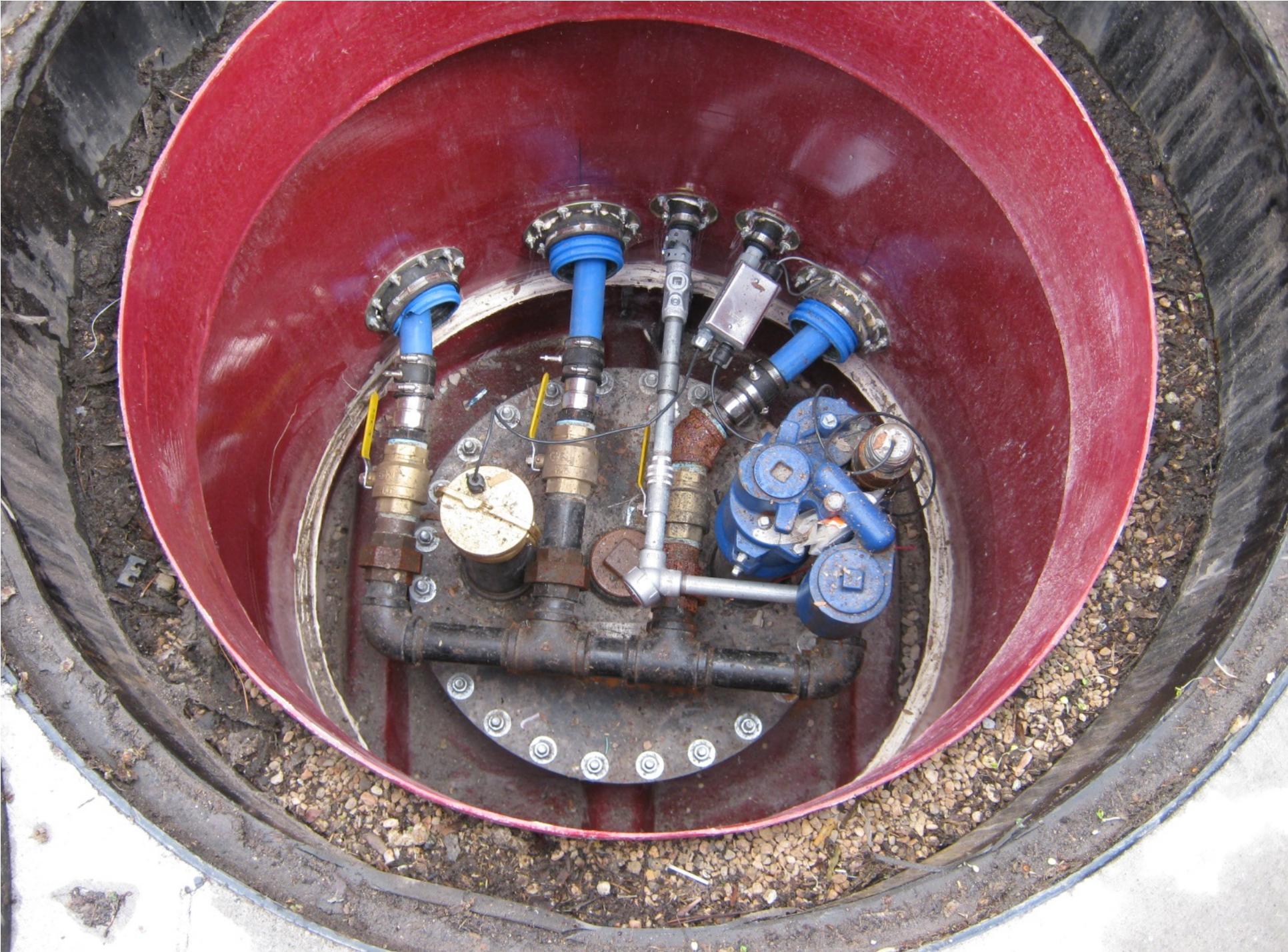
VEEDER-ROOT 

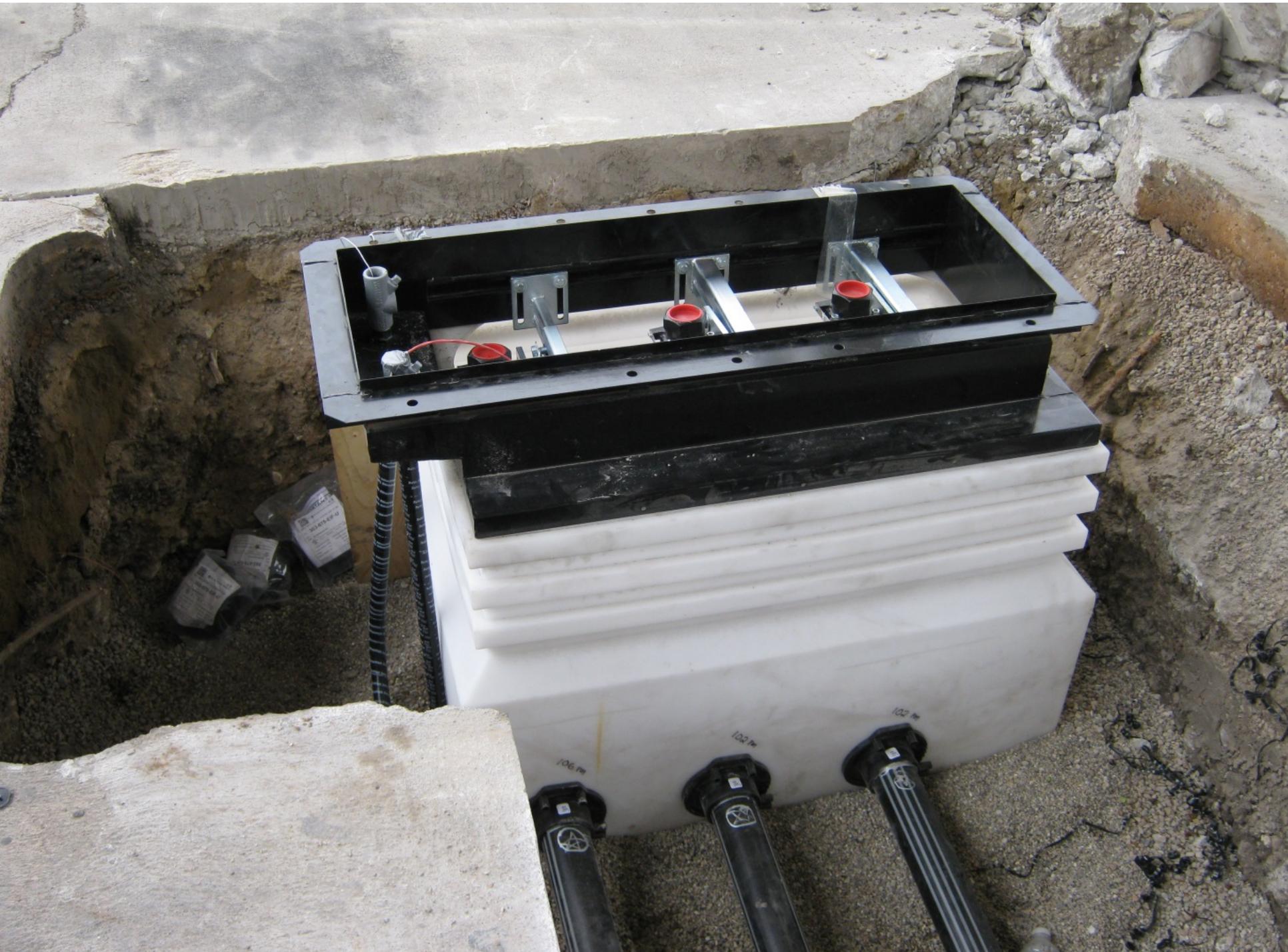


ALARM 
WARNING 
POWER 



TLS-350
UST Monitoring System





1988 Federal UST Regulations

- Effective December 1988
- Requirements for USTs
 - Register regulated USTs (Notification)
 - Corrosion Protection
 - Spill and overfill prevention
 - Leak Detection- tanks and piping
 - Release reporting and response
 - Closure
 - Financial Responsibility
- 1998 Upgrade for existing USTs

New Federal UST Regulations

- Effective October 2015
- Most new requirements October 2018
- Focus on Operation and Maintenance- proper use and function of equipment
- Secondary containment and interstitial monitoring for new USTs (2005 Energy Act)
- Operator training, “walkthrough” inspections (2005 Energy Act)

New Federal UST Regulations

- Compatibility- alternate fuels
- Testing of Spill Buckets and Containment Sumps used for Interstitial Monitoring
- Testing of Leak Detection Equipment
- Inspection of Overfill Prevention devices

Proposed Utah Changes

- Incorporate by reference new Federal regulations (except operator training)
- Add new types of testing
- Modify existing secondary containment rule
- Keep existing Operator Training rule
- Modify Operator Inspection form, remove incorporation by reference.

Tentative Adoption Schedule

- June- stakeholder comments
- August- request Board approval for publication and public comment
- September- Public comment period, hearing
- October- request Board approval for final adoption
- December 1, 2016- rules final.
- Schedule subject to change