

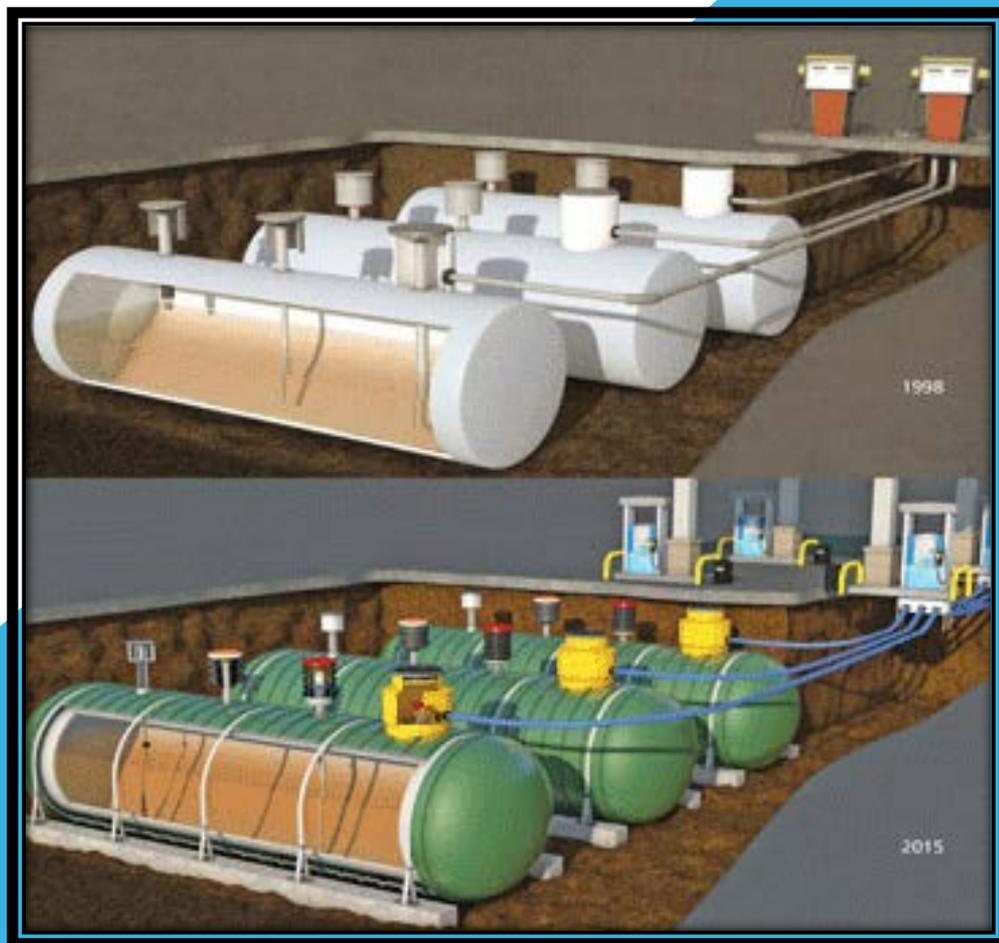


**NDEP**

**Welcome  
and  
Introductions**



NDEP

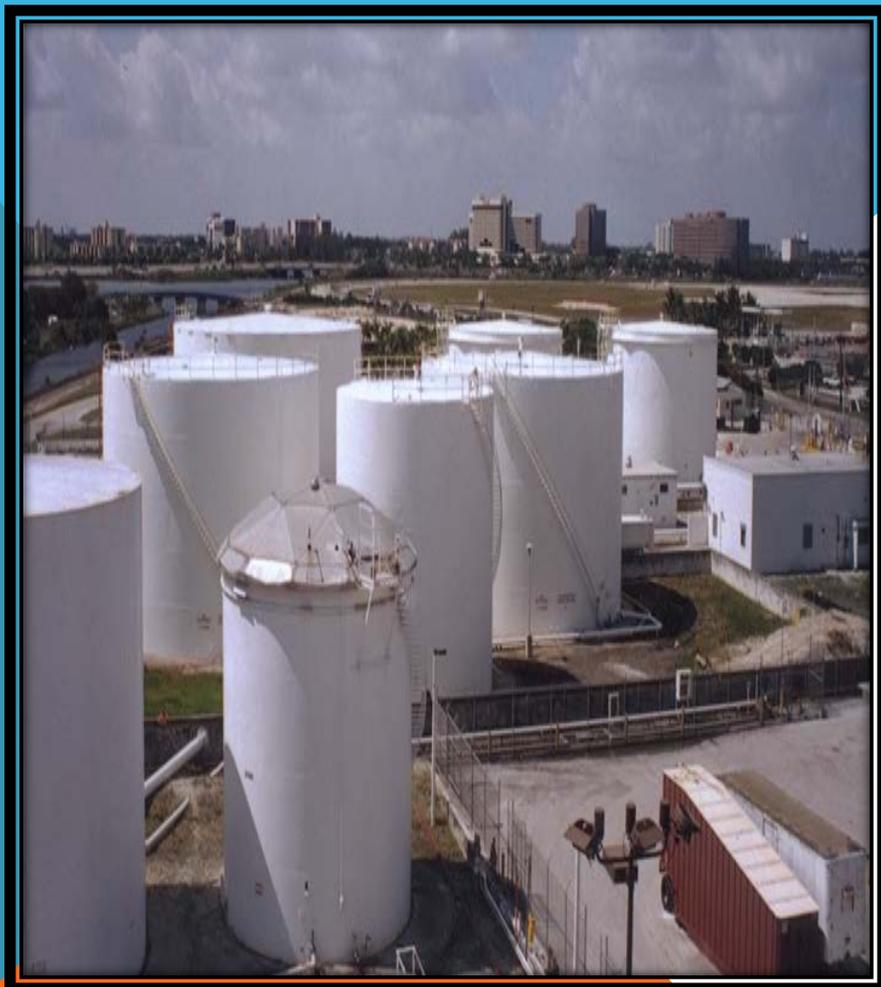


# Proposed Regulations for the Underground Storage Tank Program

Presented by NDEP, BCA Underground Storage Tank Program  
May 2016

# 40 CFR 280 Subpart A

## New Regulations for Newly Regulated Systems



### Including:

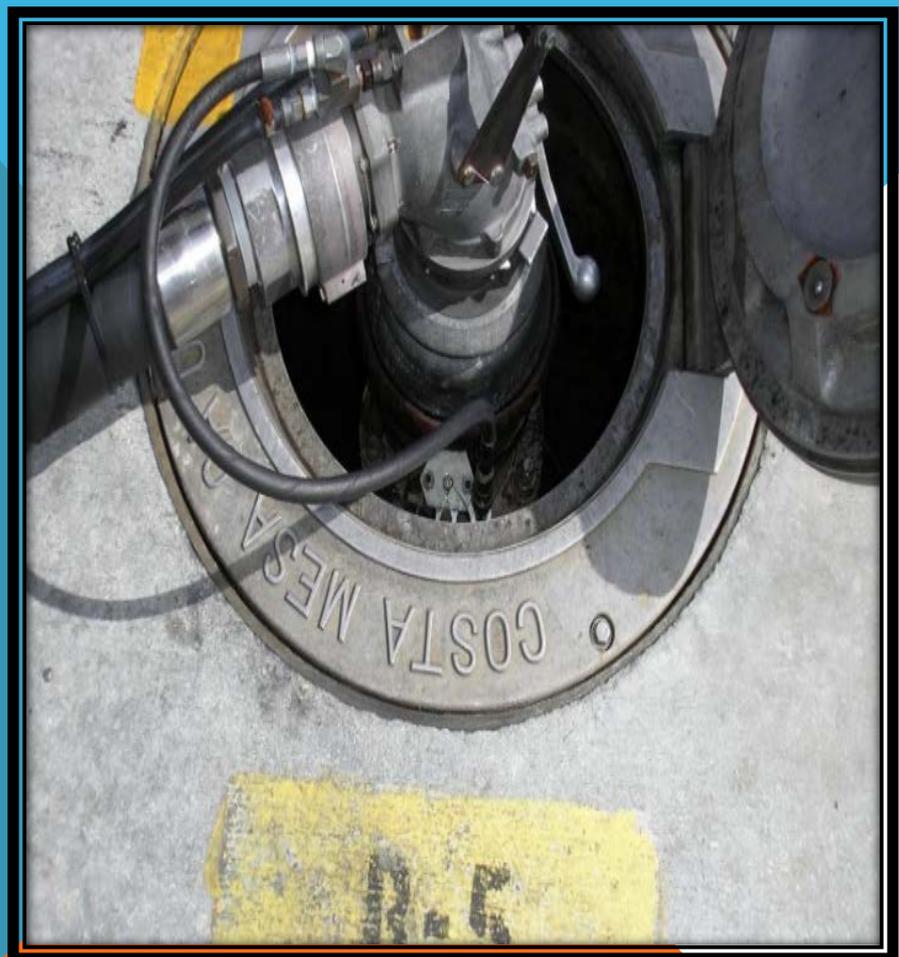
- Airport Hydrant Systems
- Field Constructed USTs
- Emergency Generators





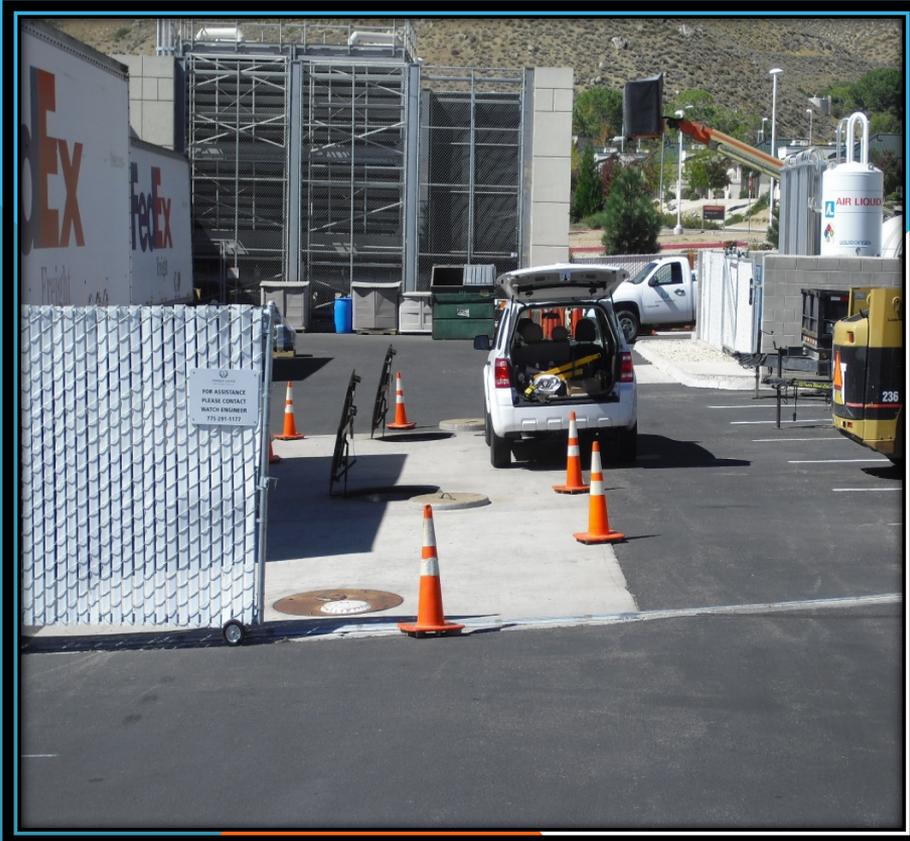
# 40 CFR 280 Subpart A

Airport Hydrant Systems  
and  
Field Constructed USTs



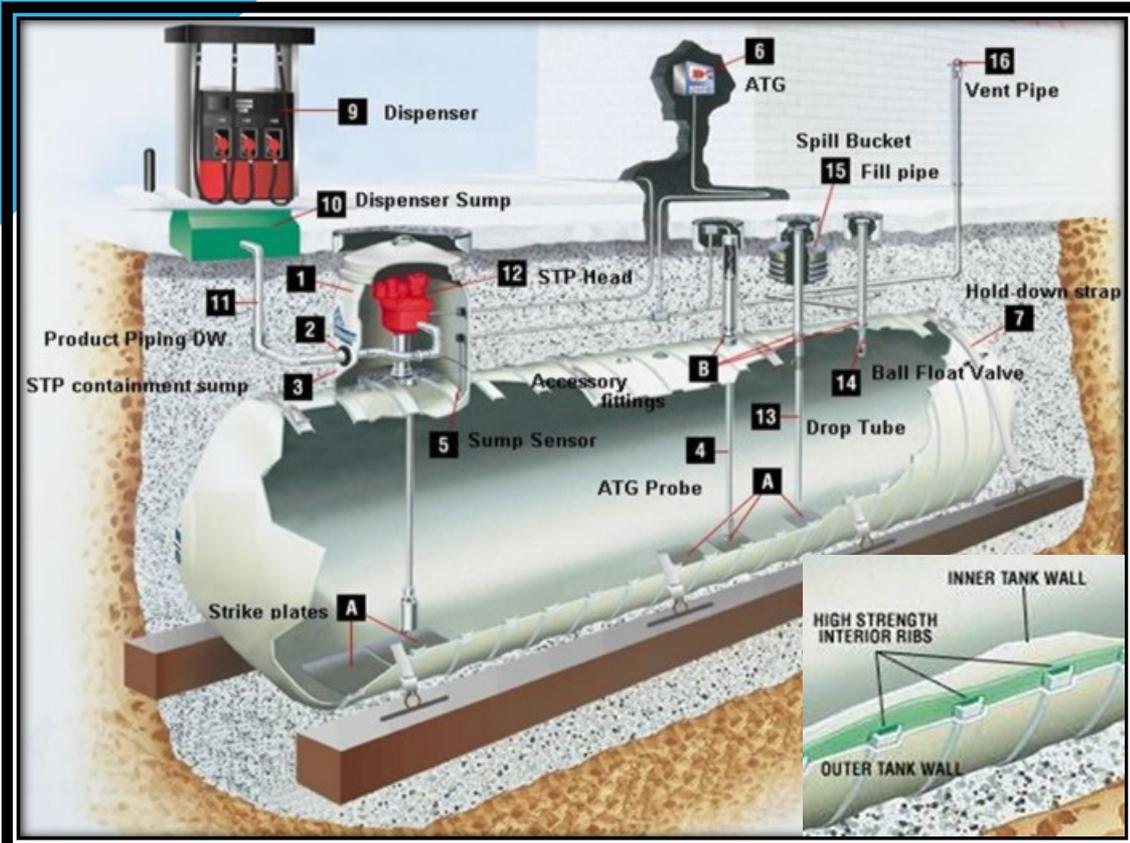
# 40 CFR 280 Subpart A

## Emergency Generator USTs



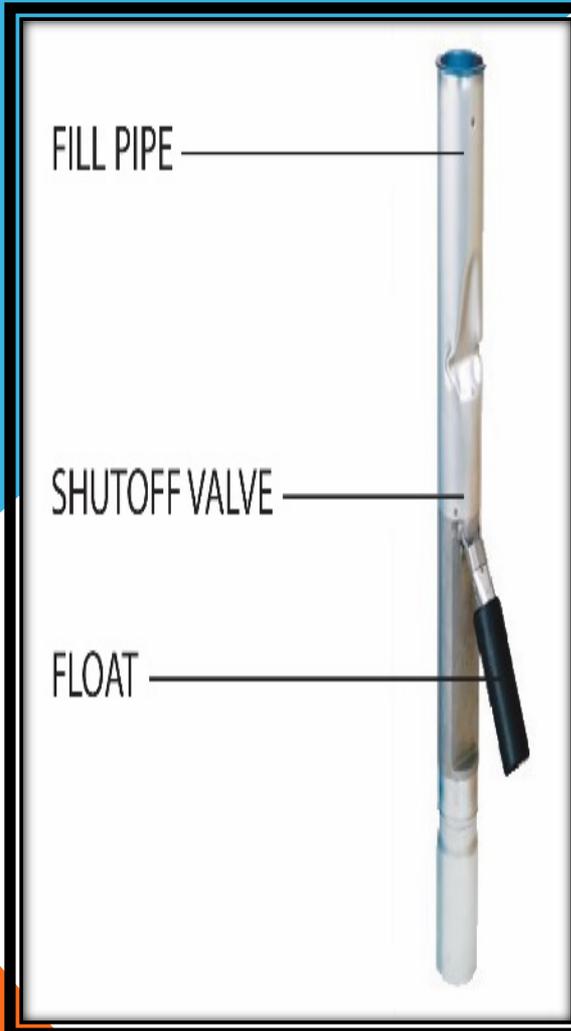
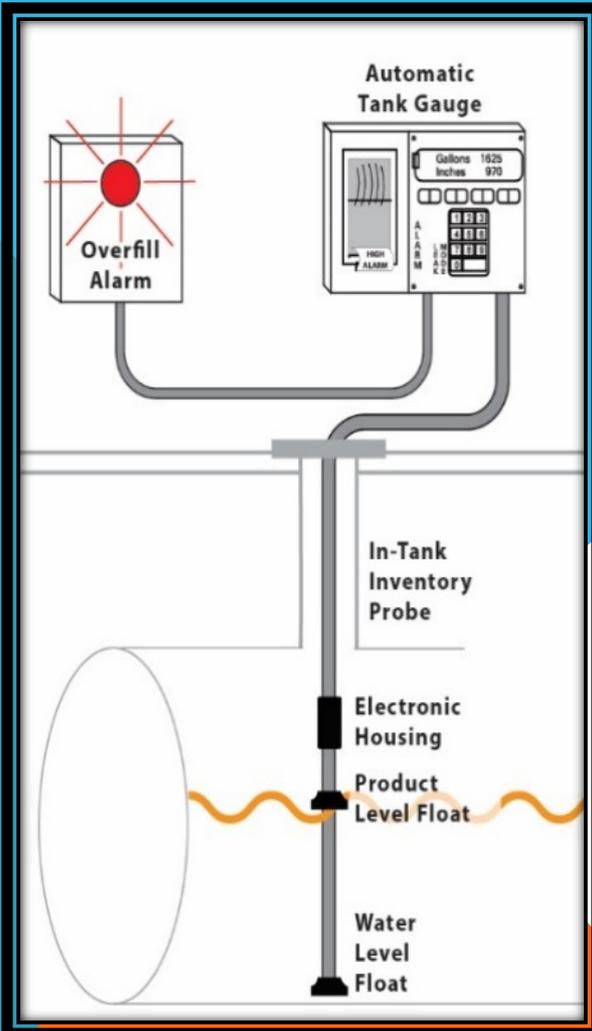
# 40 CFR 280 Subpart B

## UST Systems: Design Construction, Installation, and Notification



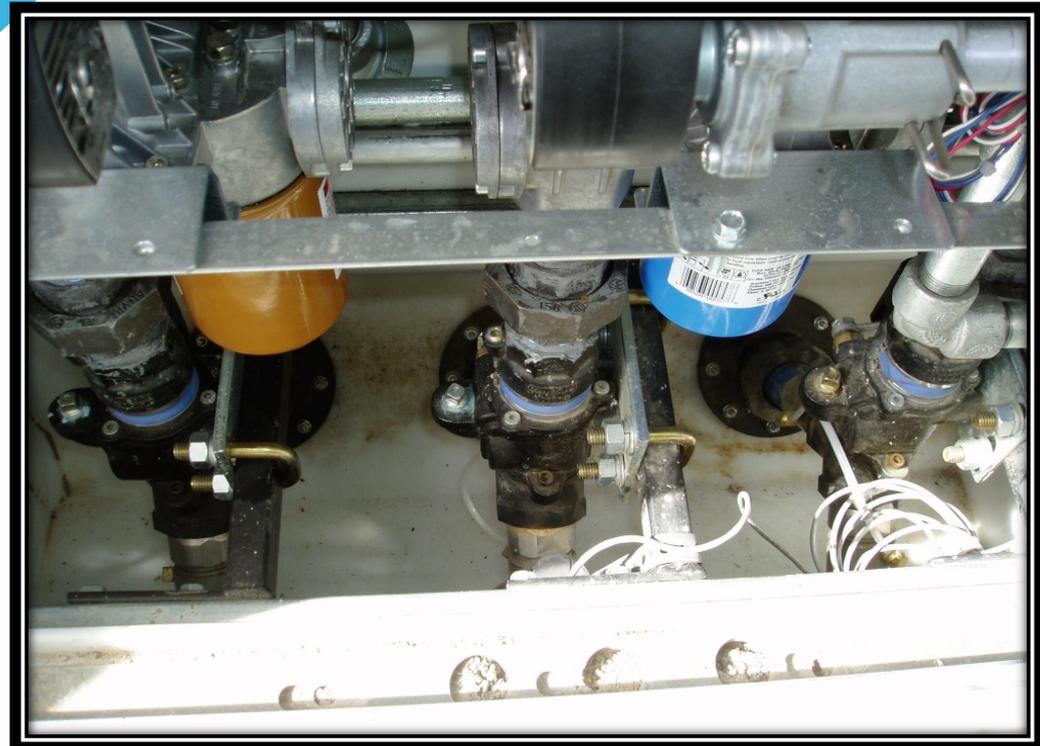
# 40 CFR 280 Subpart B

## UST Systems: Design Construction, Installation, and Notification



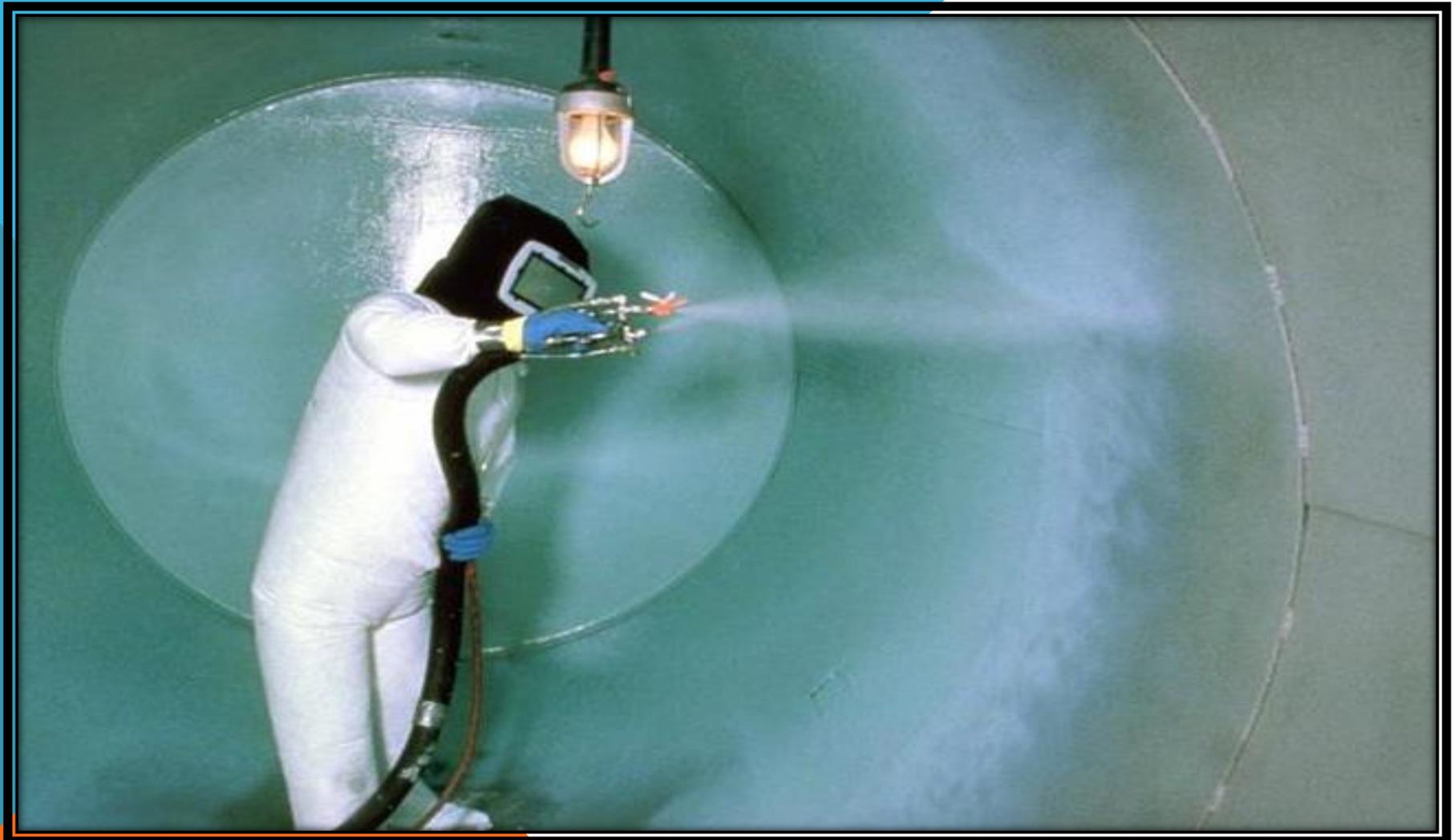
# 40 CFR 280 Subpart B

UST Systems: Design Construction,  
Installation, and Notification



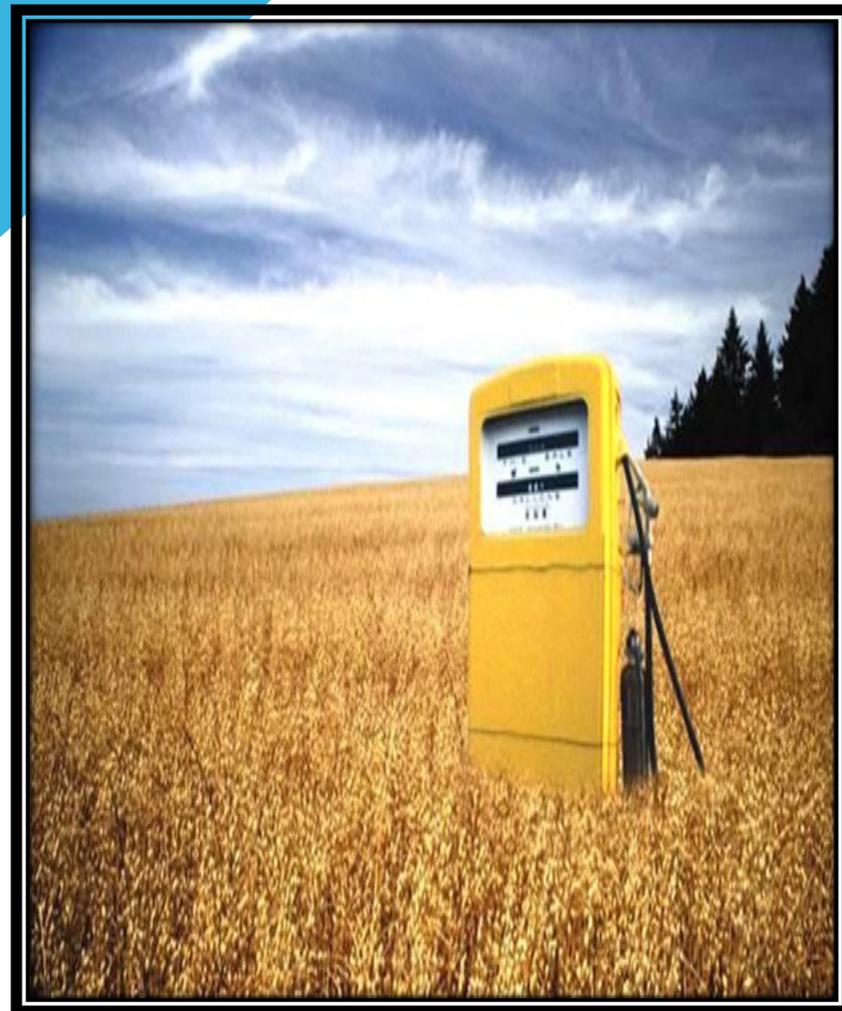
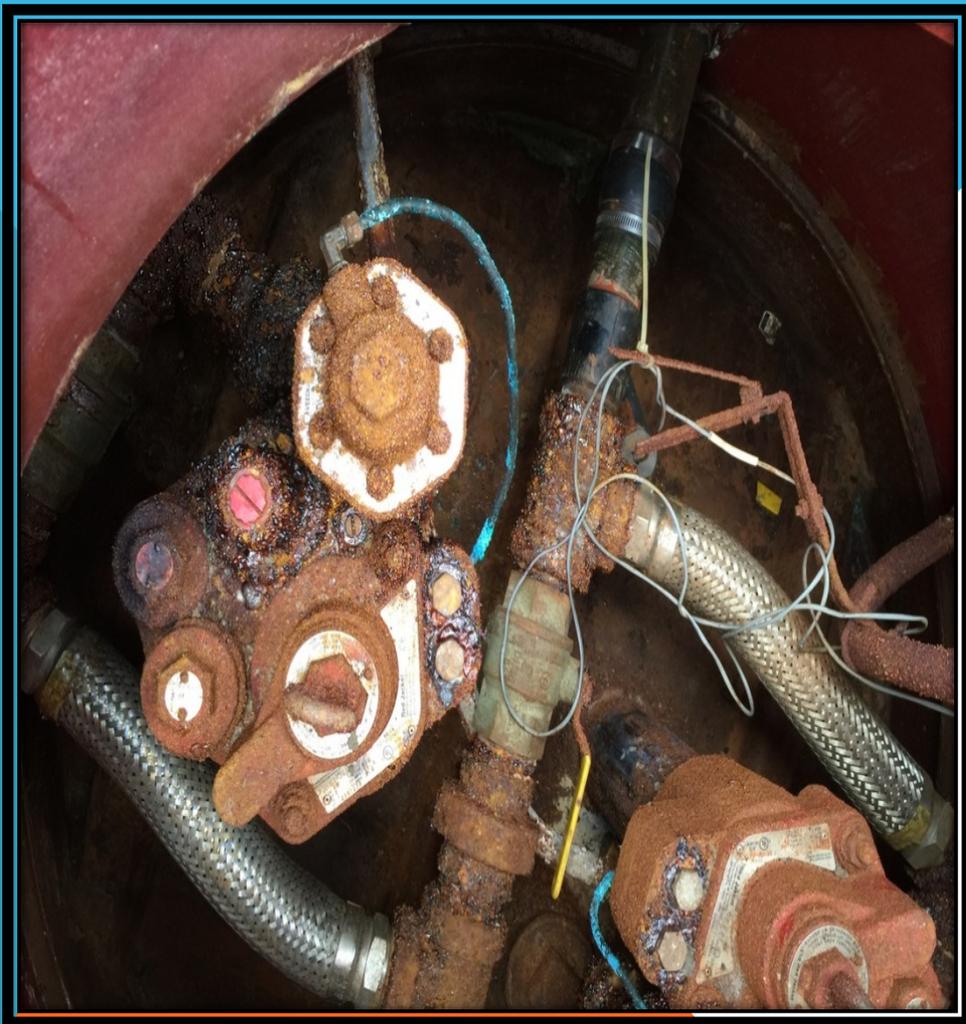
# 40 CFR 280 Subpart B

UST Systems: Design Construction,  
Installation, and Notification



# 40 CFR 280 Subpart C

## General Operating Requirements: Compatibility



# 40 CFR 280 Subpart C

## General Operating Requirements

### Periodic Testing

#### Required For:

- **Spill Buckets**
- **Containment Sumps Used for Piping Monitoring**
- **Overflow Prevention Devices**
  - **Flappers**
  - **Ball Floats**
  - **Alarms**
- **Required at Install and Every Three Years Thereafter**
- **Effective October 13, 2018**



# 40 CFR 280 Subpart C

General Operating Requirements:  
Period Walk Through Inspections,  
Effective October 13, 2018



# 40 CFR 280 Subpart D

Release Detection: Annual Testing,  
Verifying Monitoring Equipment is  
Operational. Effective October 13, 2018



- 
- **New or replaced tanks and product piping must use interstitial monitoring every 30 days. No other method can be used as the primary monitoring method.**
    - **40 CFR 280 has an effective date of April 11, 2016. NDEP has required this since July 1, 2008 under the Energy Policy Act Requirements. As such this is not a new requirement for UST owners / operators.**
  - **Existing Tanks with capacities of 551 – 1,000 gallons may use manual tank gauging as the sole method of leak detection, depending upon the tank diameter.**
  - **Statistical inventory reconciliation (SIR) has been added as a leak detection method for existing USTs.**
  - **40 CFR 280.44(a) requires all leak detectors to be tested annually by simulating a leak. Electronic line leak detectors can no longer use the self-test diagnostic to meet the annual testing requirement.**

# 40 CFR 280 Subpart E

Release Reporting, Investigation,  
and Confirmation



# 40 CFR 280 Subpart G

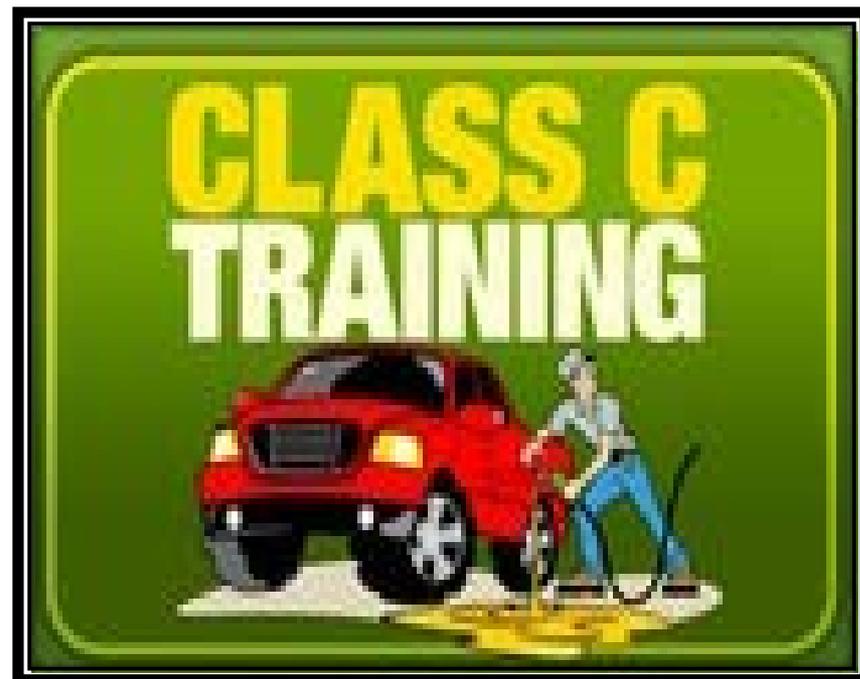
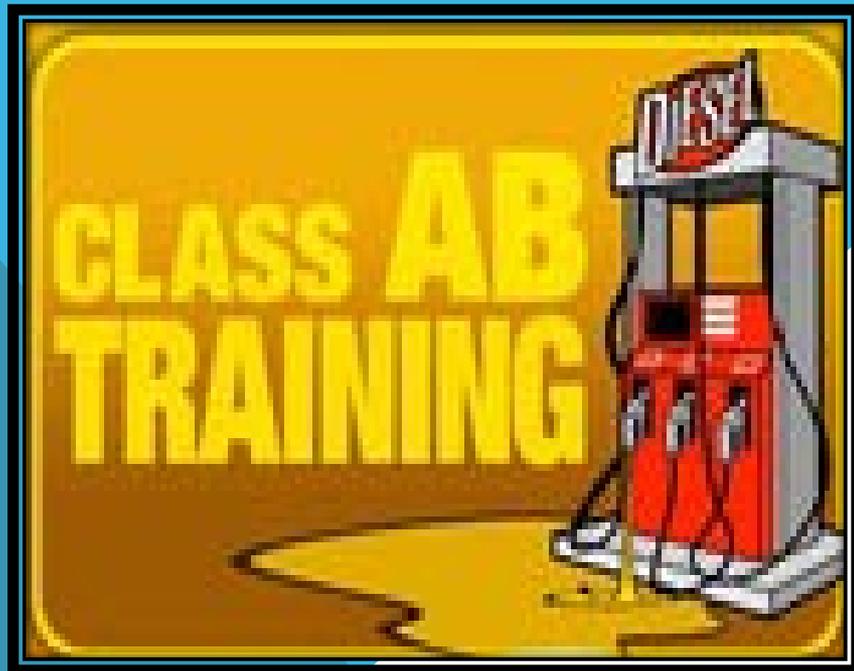
## Out of Service UST Systems and Closure





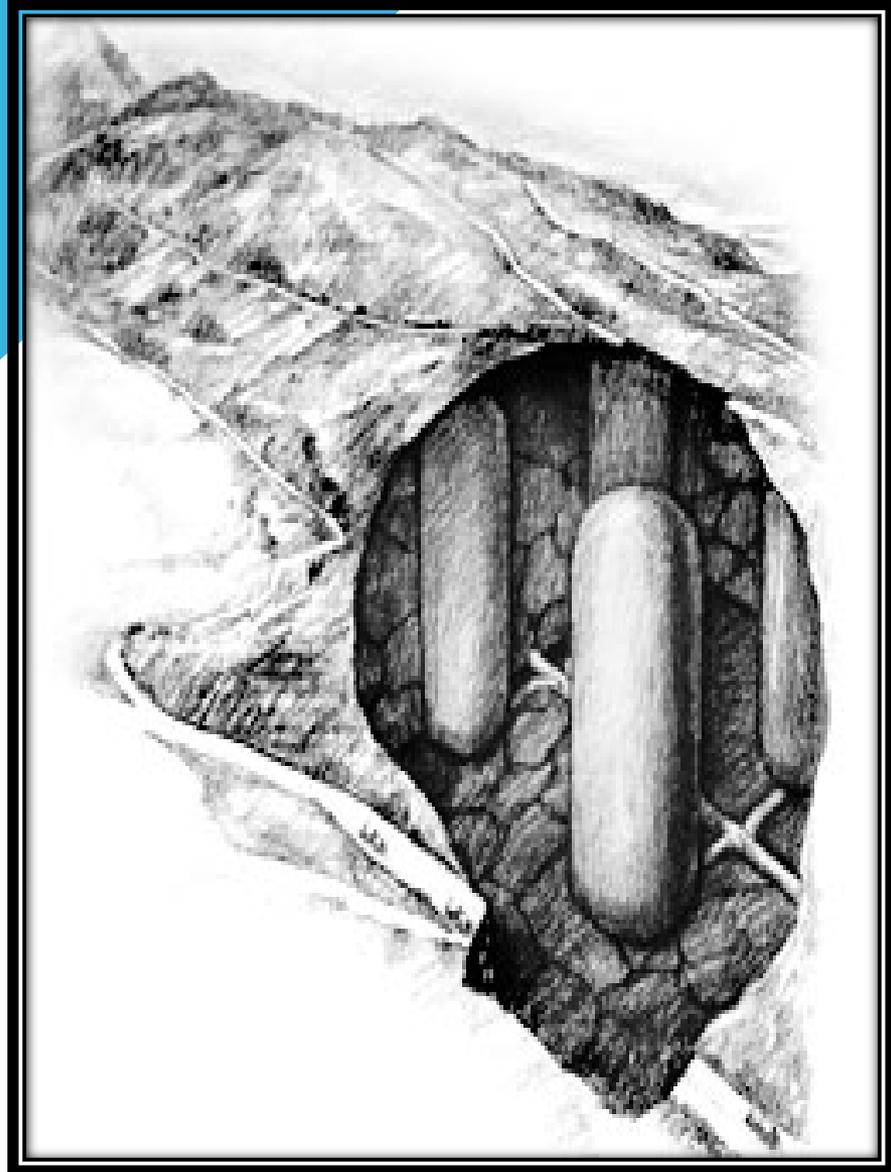
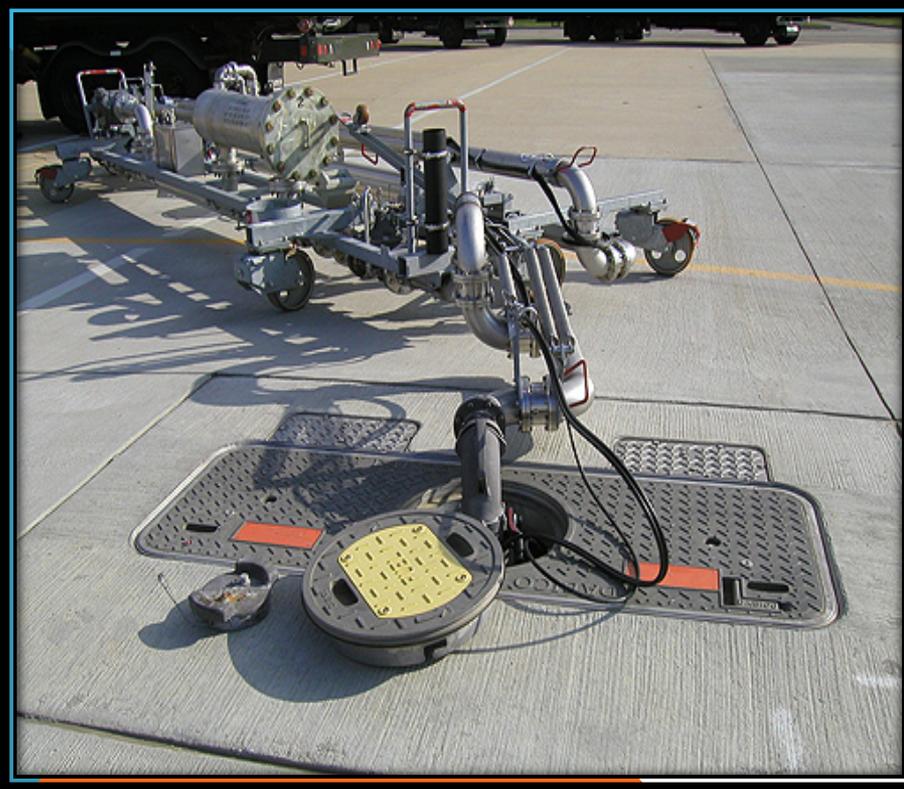
# 40 CFR 280 Subpart J

## Operator Training



# 40 CFR 280 Subpart K

UST Systems with  
Field-Constructed Tanks  
and  
Airport Hydrant Fuel  
Distribution Systems



# Questions or Comments

Nevada Division of Environmental Protection  
Bureau of Corrective Actions  
901 S. Stewart St., Suite 4001  
Carson City, NV 89701  
Ph (775) 687-9368 Fax (775) 687-8335

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*Thank-you  
for participating!*