UST Operator Online Training Videos

Summary of content

UST Operator Class A and Class B Training, Part 1

- **UST Regulations**
  - Federal Regulation 40CFR 280
  - Arkansas Regulation 12
  - Energy Policy Act of 2005

- **What Is an Underground Storage Tank?**
  - New Tanks
  - Existing Tanks

- **Operator Certification Classes A,B & C**

- **Types of Tanks**
  - STIP 3
  - Clad Steel Tanks
  - Jacketed Steel Tanks
    - Secondary Containment With Interstitial Monitoring
  - Fiberglass Reinforced Plastic Tanks
  - Compartment Tanks
  - Manifolded Tanks
  - Double-Walled Tanks

- **Types of Piping**
  - Cathodically Protected Steel
  - Fiberglass
  - Flexible Plastic
  - Semi Rigid

- **New or Replacement Tanks and Pressurized Piping Installed After July 1, 2007**
  - Secondary Containment With Interstitial Monitoring Required
• **New or Replaced Dispensers Installed After July 1, 2007**
  o Under Dispenser Spill Containment Sumps Required

• **Spill Protection**

• **Overfill Protection**
  o Automatic Shutoff or Flapper Valves 95% Full
  o Ball Float Valves 90% Full
  o Audio or Visual Alarms 90% Full

• **Corrosion Protection**
  o Cathodic Protection
    ▪ Sacrificial Anodes
    ▪ Impressed Current Systems
  o Internal Tank Lining
  o Combination of Lining and Cathodic Protection.

• **Protecting Stainless Steel Flex Connectors**
  o Cathodic Protection
  o Isolation

• **Corrosion Protection Testing**
  o Record Keeping Requirements
UST Operator Class A and Class B Training, Part 2

- **Release Detection**
  - Automatic Tank Gauge
  - Interstitial Monitoring
  - Statistical Inventory Reconciliation
  - Continuous in Tank Leak Detection
  - Vapor Monitoring
  - Groundwater Monitoring
  - Inventory Control with Tank Tightness Testing
  - Manual Tank Gauging

- **Pressurized Piping Leak Detection**
  - Line Leak Detectors
    - Automatic
    - Electronic

- **Suction Piping Leak Detection**
  - Safe Suction

- **Handling Releases at UST sites**
  - Subsurface
  - Surface

- **Most frequent violations for UST Owner/Operators**

- **Delivery Prohibition Red Tagging**

- **Financial Responsibility**

- **Petroleum Storage Tank Trust Fund**
  - Corrective Action
  - Third Party Liability

- **Recordkeeping**

- **Notification**
- Temporarily Out of Service of Tanks
- Permanent Closure of Tanks
UST Operator Class C Training

- Fueling system emergency shutoff
- Emergency response procedures for the facility and the posted location
- How to monitor fuel dispensing and delivery controls
- Instructions on how to respond to Automatic Tank Gauge alarms if applicable
- Emergency spill and response equipment

- **UST Equipment**
  - Dispenser
  - Hose
  - Nozzle
  - Breakaway coupling
  - Emergency Shutoff Switch
  - Tank Gauge