



Regulated Petroleum Storage Tank Compliance Inspections

Sean M. Boyles
Central District / Compliance
Florida Department of Environmental Protection



Getting Ready for an Inspection



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

- You will receive notification of the upcoming compliance inspection approximately 5 days before the inspection.
- The following paperwork will be needed at the time of the inspection:
 - Storage Tank Registration Placard.
 - Three years of Financial Responsibility.
 - There are other forms, but the documentation below is the most common:
 - Policy.
 - Part C or D (Forms from the insurance company).
 - Part P (State Form).
 - Three years of Monthly Visual Inspections.
 - Three years of Integrity Testing.
 - Three years of Release Detection Annual Operability.
 - Three years of Overfill protection Annual Operability.
 - A/B and C Operator Training Certificates (if required).
 - Manned vs. unmanned systems.

FloridaDEP.gov
850-245-2118



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Inspection of the Underground Storage Tank (UST) System

- Submersible Turbine Pump (STP) or Piping Sumps.
- Spill Bucket(s).
 - Double-Walled.
 - Single-Walled.
- Dispenser(s) and Under Dispenser Containment (UDC) Sumps(s).
- Transition Sumps.
- Monitoring Panel.

FloridaDEP.gov
850-245-2118



STP Sump or Piping Sump

- Deformity of the Containment.
- Corrosion.
- Line Leak Detector (LLD).
- Sump Sensor.
- Condition of Piping/Electrical Boots.
- Test Boots Open.
- Petroleum Contact Water (PCW).





Spill Buckets

- Petroleum Contact Water.
- Corrosion.
- Drop Tube.
- Vacuum gauge (If present) .
- Spill bucket lid properly color coded.



Dispensers and UDC Sumps

- Corrosion and Leaks
- Hoses.
- Break-aways.
- Deformity of the UDC.
- Petroleum Contact Water.
- Shear Valves.





Monitoring Panel

- All functions Normal.
- Sensor print out.
- Audible and visual alarms functional.





Inspection of the Aboveground Storage Tank (AST) System

- Exterior of the AST.
- Fill Containment.
- Piping.
 - Anti-Siphon Valve.
- Dispenser(s) and Under Dispenser Containment (UDC) Sumps(s).
- Transition Sumps.
- Monitoring Panel.



Exterior of the AST

- Area around the tank.
 - Fencing.
 - Bollards.
- Type of tank.
- Corrosion, cracks, and leaks.
- Signage.
- Safety vents.





Spill Containment

- Access controlled.
- Labeled or color coded.
- Corrosion.
- Interior clean and dry.





Piping

- Corrosion, cracks, leaks.
- Anti-siphon valve.
 - Tank.
 - Block.
 - Anti-siphon valve.





Dispensers and Containment

- Contact signage.
- Corrosion and/or leaks.
- Hoses.
- Shear valves.
- Deformity of the UDC.
- Petroleum Contact Water.





Monitoring Panel

- All functions normal.
- Sensor print out.
- Audible and visual alarms functional.





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

The following links will provide more information on the items found in this presentation

- [UST Rule](#)
- [AST Rule](#)
- [DEP's Storage Tank Compliance Page](#)
- [Storage Tank Registration](#)
- [Storage Tank Financial Responsibility](#)
- [Recommended PEI/RP1200 Forms for testing](#)
- [Broward County Inspection Guide](#)

FloridaDEP.gov
850-245-2118

Questions?





THANK YOU

Sean M. Boyles

Environmental Consultant

Central District

Florida Department of Environmental Protection

Contact Information:

(407) 897-4164

Sean.Boyles@FloridaDEP.gov