



Annual UST Professional Refresher

Downtown Des Moines Holiday Inn

1050 6th Ave, Des Moines, IA 50314

November 3th & 4th, 2016

8:00 am - 8:30 am	Sign In	
8:30 am - 8:45 am	Welcome and Introductions <i>IPECA/IDNR</i>	
8:45 am - 9:15 am	Secondary Containment Integrity Testing (Why Test?) <i>Steve Purpora</i>	
9:15 am - 10:00am	Group 1- On Site Demonstration at QuikTrip #527 <i>Steve Purpora- Purpora Engineering & Protanic</i>	Update on Revised UST Regulations <i>IDNR</i>
10:00am - 10:30am		Iowa DNR UST Forms 101 <i>IDNR</i>
10:30am - 10:45am	Break	
10:45am - 11:30pm	Update on Revised UST Regulations <i>IDNR</i>	Group 2- On Site Demonstration at QuikTrip #527 <i>Steve Purpora- Purpora Engineering & Protanic</i>
11:30 pm - 12:00 pm	Iowa DNR UST Forms 101 <i>IDNR</i>	
12:00pm - 1:00 pm	Lunch <i>(on your own)</i>	
1:00pm - 2:30 pm	Demonstration Review/Get Ready to Test <i>Steve Purpora</i>	
2:30 pm - 2:45 pm	Break	
2:45 pm - 3:30pm	Secondary Containment Testing Around the Country <i>Steve Purpora</i>	
3:30 pm - 4:00pm	Managing Test Water <i>IDNR</i>	
4:00 pm - 4:30pm	Renewal Year and Miscellaneous	

What to expect during the on-site demonstration

Demonstrations will be at QuikTrip #527 located at 614 University Ave., Des Moines (walking distance from the Holiday Inn). Both groups will be outside for a little over an hour. Dress for cold and possibly wet weather.

Steve Purpora, Frank Grebas and Dale Uttke will review the following with the two groups:

- Preliminary Test Procedures (sump/spill bucket/UDC cleaning, penetrations and fittings tight, test water)
- Testing/Inspection Stations- small groups will observe testing at each station
 - STP Sump
 - UDC, Shear Valve, E Stop
 - Spill Prevention Equipment Testing (Hydro and Double Wall)
 - ATG Probe Inspection and Sensor Testing
 - Overfill Prevention Inspection (auto shutoff and alarm)

During the afternoon sessions, we will review sump containment testing in other states and how we can further prepare to conduct inspections and testing. We will also discuss the questions below, among others, regarding EPA's Revised UST Regulation:

1. What did you learn from the demo? Are you ready to test? Did the test procedures seem effective?
2. What can UST professionals expect to find from three year testing of sumps and spill prevention?
3. Are test and inspection protocols adequate to meet inspection and testing requirements, e.g., PEI RP1200? What about third party evaluations for test methods/procedures? Is there a method/procedure that I need or can get certification for? What is the status of PEI RP1200 Revision?
4. What are petroleum equipment manufacturers doing to prepare for the test deadline? What should they be doing?
5. What if owner or operators wait until the last minute and there's a big pile up for testing? How will Protanic and other testers handle it?
6. Are double wall spill buckets as important for leak detection as double wall piping and tanks?
7. What is the best way to handle test water? How do owners prefer it handled?
8. Is there a way to combine inspections, testing and walkthroughs to save owner or operators money on mobilization and make our own work more efficient? What are we looking at in terms of cost for the three year inspection and testing?
9. Where do you see leak prevention heading? More sophisticated and accurate equipment? What changes do you see on the horizon for the petroleum industry and how will it affect UST professionals and the petroleum service industry?