NH’s UST Walkthrough Inspection

Spruce C. Wheelock, NHDES
Inspector Oil Compliance Section
NH’s First Walkthrough Approach

• 2004 - Vapor Recovery Stage I/II Monthly Inspections
  – Vent Risers and Vent Caps; Spill Containment; Fill and Vapor Adaptors, Caps; Nozzles and Hoses;

• Annual Vapor Recovery Maintenance Inspection
  – Removal of Adaptors (exception for swivels); Application of Thread Sealant, and Tightening; Drain Valves; Caps/Dust Covers Not In Contact with Access Covers; Distance Between Drop Tube Bottom and Tank Bottom;
Current NH Monthly Walkthrough

- **Adopted** with Operator Training Legislation, effective **August 8, 2012**
- Conducted by or under the direction of the class A or B operator
- Maintain records for 3 Years
- Check for defect and or and how it was resolved
- Deficiencies found, shall be repaired or resolved within 30 days
A&B Operator Training

- We teach Walkthrough as part of our A&B operator training
- **A&B training** (2 year certification)
- Training classes
  - Once a month at the state
  - Additional remote classes around the state
Vent Risers - Inspect For Visible Damage and Repair as Necessary
Vent Caps – If Missing or Damaged -- Replace the Cap
Spill Containment – Inspect Spill Bucket for Presence of Oil, Water, or Debris

Horseshoe Crab
Adaptor Caps – Looseness, Gasket, Tight
Fill & Dry Break – Tightness of Fit
Dry Break Poppet Valve – Continuous Seal, Evenly Depresses, Properly Reseats
Dispenser Hoses - tears, leaks, holes, kinks, crimps, or defects of any kind
Dispenser Nozzle - leaks, obstruction of vapor recovery holes, or defects of any kind
Dispenser Cabinet - leaking components and the presence of oil, water, or debris
Oil Transfer and Dispensing Areas - presence of oil spills

Common Problem!
Alarm Enunciation Panel - proper operation of product monitoring and leak detection systems
Paying Attention to Detail Can Go a Long Way…
Short or broken inventory sticks

What is this?
Inside fill drop tube

Overfill bypass

NEIWPCC UST Walkthrough Inspections - Webinar - June 27th 2016
Dispenser Sump Bottom

Cracks
Color Marking
Proper Operation?

I have all my records????

Audible or Visual in alarm????
NFPA 30A requires latch to hold open -- fuel delivery nozzle
Except Marinas
Things to Consider

• Who conducts walkthroughs?
• Owner designed forms may be lacking
• Create an educational walkthrough program
• What else can you catch on the walkthrough?
• Bottom Line – Awareness!
  – Protect the environment and one’s safety
Spruce C. Wheelock
NH Department of Environmental Services
29 Hazen Drive, PO Box 95
Concord, NH 03302-0095
spruce.wheelock@des.nh.gov
(603) 271-2933

Contact Information

It snow’s in NH

Light sensing yard lights