

NEIWPCC UST Inspector Training Webinar

Tank and Line Tightness Testing

Tuesday, September 7, 2010

1:00-3:30 PM (EDT)

Speakers/Presenters

Mike Pomes Kansas Department of Health and Environment
Kevin Keegan Tanknology
David Rabb Leak Detection Technologies
Steve Purpora Purpora Engineering
Helen Robbins Connecticut Department of Environmental Protection

Webinar Outline

1. Overview of tank tightness testing (10 min)
 2. Breakdown of major methods (90 min)
 - How the test is performed
 - Interpretation of results
 - Limitations of each test
 3. How NWGLDE evaluates these methods (10 min)
 4. Manufacturer's Certifications for Testers (20 min)
 5. Changes and research (10 min)
 6. Q&A (10 min)
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Overview of tank tightness testing

- Why are tightness tests performed and what are the regulatory requirements?
- General summary of different methods in use and brief discussion of similarities and differences
- General trend towards non-volumetric testing

Breakdown of major test methods

- ➔ How is the test performed
- ➔ Interpretation of test results (what do the numbers mean)
- ➔ Limitations of each test (time, volume, temperature)
 - Line Tightness Testing
 - Tank Tightness Testing

How NWGLDE evaluates these methods

- Leak rate
- Threshold (what it means)
- Max Capacity
- What current tests are listed by NWGLDE?

Manufacturer's Certifications for Testers

- What kind of training/certification is required of testers?
- What standards are they held to?

Changes and research

- How does the tank tightness testing deal with water ingress (question is being researched for other forms of leak detection, raise to level of awareness for inspectors)
- Updates to ICC Tank Tightness Tester exam

Questions