



New Installations: Overview & Federal Requirement

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Webinar Overview

1. Federal UST requirement
2. Applying the standards from a state's perspective
3. Testing of newly-installed systems
4. Verification of proper installation
5. Problems with installations from a state's perspective

Federal UST Requirement

- ◆ 40 CFR 280.20(d) Installation - “All tanks and piping must be properly installed in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory and in accordance with the manufacturer’s instruction.”

Listed Industry Standards

- ◆ Tank and piping system installation practices and procedures described in the following codes may be used to meet the installation requirement:
 - American Petroleum Institute publication 1615
 - Petroleum Equipment Institute publication RP100
 - American National Standards Institute standard (ANSI) B31.3

Frequently Used Industry Standards

- ◆ API 1615 – Installation of Underground Petroleum Storage Systems (2011)
- ◆ PEI RP 100 – Recommended Practices for Installation of Underground Liquid Storage Systems (2011)
- ◆ NFPA 30A – Code for Motor Fuel Dispensing Facilities and Repair Garages (2008)



The Nature of Industry Standards

- ◆ Recommended practices
- ◆ Typically provides general guidance to augment manufacturer's requirements
- ◆ Covers aspects of the entire UST system
- ◆ Standards organizations typically follow a consensus-based process