

UNDERGROUND STORAGE TANK (UST), SOLID WASTE DISPOSAL ACT, 40 CFR PART 280, TECHNICAL STANDARDS AND CORRECTIVE ACTION REQUIREMENTS FOR OWNERS AND OPERATORS OF USTs - TRAINING REQUIREMENTS FOR UST INSPECTORS

These training requirements are in addition to the Basic Inspector Training Course and the Health and Safety Training required by EPA Order 3500.1.

Mandatory and Recommended Training and Self-Study/Review Requirements:

Mandatory Training

- UST901: Introduction To The Underground Storage Tanks (UST) Program and Basic UST Inspector Training Courses at <http://www.netionline.com>

Mandatory Self-Study/Review

Statutes/Regulations

- Relevant sections of the Solid Waste Disposal Act (SWDA), including Subtitle I: §§ 9001-9009
- 40 CFR Part 280, Technical Standards and Corrective Action Requirements for Owners and Operators of USTs
 - Subpart A: Program Scope and Interim Prohibition
 - Subpart B: UST Systems: Design, Construction, Installation and Notification
 - Subpart C: General Operating Requirements
 - Subpart D: Release Detection
 - Subpart E: Release Reporting, Investigation, and Confirmation
 - Subpart F: Release Response and Corrective Action for UST Systems Containing Petroleum or Hazardous Substances (only if applicable)
 - Subpart G: Out of Service UST Systems and Closure
 - Subpart H: Financial Responsibility
 - Subpart I: Lender Liability
- All applicable State UST/LUST regulations for each state in which the inspector will be conducting inspections. (Inspectors must know the applicable state regulations and difference between federal and state regulations.)

Guidance/Reference Materials

- Operating and Maintaining Underground Storage Tank Systems: Practical Help and Checklists (EPA 510-B-00-008), August 2000
- UST/LUST Enforcement Procedures Guidance Manual (Directive 9610.11, May 1990), <http://www.epa.gov/OUST/directiv/od961011.htm>
- Financial Responsibility for Underground Storage Tanks: A Reference Manual (EPA 510-B-00-003), January 2000
- Guidance for Federal Field Citation Enforcement (Directive 9610.16, Oct. 6, 1993) (only if the region authorizes inspectors to issue field citations), <http://www.epa.gov/OUST/directiv/od961016.htm>
- RCRA Confidential Business Information (CBI) Training (Contact: Regional RCRA CBI Officer for materials and information on regional process)
- Review of a minimum of two completed inspection reports.

EPA ORDER 3500.1 PROGRAM-SPECIFIC TRAINING REQUIREMENTS

Recommended Training

- UST Live Classroom Training Course offered by the regions or by states
- Live classroom tribal inspection training, for those regions with federally recognized tribes
- Modular Classroom UST Training (3-5 days) provided by various training centers including Georgia Technology Research Institute, University of Wisconsin, Colorado School of Mines, and NACE/ASTM Technical Institute

Recommended Self-Study/Review

UST Policy Compendium:

- U.S. EPA Penalty Guidance for Violations of UST Regulations (Directive 9610.12, November 14, 1990), <http://www.epa.gov/OUST/directiv/od961012.htm>

Publications relating to UST Program, <http://www.epa.gov/oust/pubs/index.htm>

- Musts for USTs: A Summary of the Federal Regulations for Underground Storage Tank Systems (EPA 510-K-95-002)
- Straight Talk on Tanks: Leak Detection Methods for Petroleum USTs and Piping (EPA 510-B-97-007), September 1997
- USTs: Requirements and Options (EPA 510-F-97-005), June 1997
- Automatic Tank Gauging Systems for Release Detection: Reference Manual for UST Inspectors (EPA 510-B-00-009), August 2000
- Doing Inventory Control Right for USTs (EPA 510-B-93-004), November 1993
- Getting the Most out of your Automatic Tank Gauging System (EPA 510-F-98-011), March 1998
- UST Technical Compendium, <http://www.epa.gov/oust/compend/index.htm>
- UST/LUST National Native American Lands Policy Statement (Directive 9610.15, July 7, 1993) (does not apply to Region III – only applicable to regions with tribal lands)
- Catalog of EPA Materials on Underground Storage Tanks (EPA 510-F-96-004), January 2000
- Closing Underground Storage Tanks: Brief Facts. (EPA 510-F-96-004), July 1996
- Dollars & Sense (EPA 510-K-95-004), July 1995
- Expedited Site Assessment Tools For Underground Storage Tank Sites: A Guide for Regulators. (EPA 510-B-97-001), March 1997
- How to Effectively Recover Free Product At Leaking Underground Storage Tanks: A Guide for State Regulators. (EPA 510-R-96-001), September 1996
- Introduction to Statistical Inventory Reconciliation For Underground Storage Tanks (EPA 510-B-95-009), September 1995
- Manual Tank Gauging for Small Underground Storage Tanks (EPA 510-B-93-005), November 1993
- State Program Approval regulations and documents

Mandatory On-the-Job Training (OJT):

- Inspectors are required to conduct a minimum of five inspections or equivalent of 40 hours of inspections with a senior inspector before leading an inspection. Note: This includes inspection preparation procedures with a senior inspector. The actual number of inspections required could be more depending upon the experience level of the inspector, the regional need, and the evaluation of the individual inspector by the first-line supervisor.

Mandatory Refresher Training:

- Program specific refresher training as identified by supervisor.