



# Application for the Installation or Replacement of an Underground Storage Tank (UST) or Underground Storage Tank Systems

STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF LAND REVITALIZATION AND SUSTAINABLE MATERIALS MANAGEMENT  
**UNDERGROUND STORAGE TANK PROGRAM**

235 Promenade Street

Providence, RI 02908

(401) 537-4353

[www.dem.ri.gov/ust](http://www.dem.ri.gov/ust)

**Paperwork Requirements for UST Installation or Replacement** (An owner/operator must apply for a certificate of registration before commencing construction. Upon receipt and review of a complete application and installation plans, written approval will be issued.)

NOTE: This application shall be used when USTs are being installed and replaced. For all other repairs or modifications, including tank top upgrades and replacement of product piping, please use the "Application for the Repair or Modification of a UST System", available on our website.

- A completed *Underground Storage Tank Registration Form*
- A completed *Equipment List Addendum*
- A completed *UST Installation/Modification/Upgrade Supplemental Information* form
- A site plan including all of the information listed below:
  - Proposed location(s) of all tanks, piping, and dispensing pumps
  - Proposed location(s) of on-site monitoring or observation wells, where applicable
  - Watertable elevation, where available
  - Location of all public water supply wells or reservoirs within 400 feet of the facility
  - Location of all facilities served by private wells or reservoirs within 200 feet of the facility
  - Location of all proposed and existing buildings and associated structures.
  - Boundaries of the facility
  - North arrow
- Specifications or a diagram indicating depth of excavation, bedding, and backfill, supports and anchorage used, distance between tanks, and dimensions (including thickness) of traffic pad

**Note that the installation plans for new and replacement UST systems must be stamped by a registered Professional Engineer!**

Kindly direct to the attention of:

Gregory Yekhtikian, Environmental Engineer II  
Underground Storage Tank Program  
(401) 537-4353

**UST INSTALLATION/MODIFICATION/UPGRADE**

**SUPPLEMENTAL INFORMATION**

Facility Name: \_\_\_\_\_

RI DEM UST Facility ID #: \_\_\_\_\_

- Steel USTs equipped with a galvanic cathode system are required to be monitored in three (3) year intervals to determine that the tank-to-soil potential reading relative to copper is -850 millivolts or more negative. Please submit a recent corrosion evaluation of all sti-P<sub>3</sub> USTs to be re-piped and/or interior-lined. (Potential readings are to be performed by a person certified by the National Association of Corrosion Engineers (NACE International) as a Senior Corrosion Technologist or Corrosion Technologist.)
  
- Please verify that all newly-installed piping shall be pressure tightness-tested before being covered, in accordance with NFPA 30, Rule 27.7.
  
- Please verify that a precision test of the entire system (tanks and a separate line test) will be performed upon completion of the installation/upgrade and before commencing regular UST operation.
  
- Please supply the name of the precision testing company and the type of test method used. (Both the tester and test method are required to be approved in the State of Rhode Island.) \_\_\_\_\_  
\_\_\_\_\_
  
- Please supply specifications or a diagram indicating depth of excavation, bedding, and backfill, supports and anchorage used, distance between tanks, and dimensions (including thickness) of traffic pad.
  
- Please supply the name of the tank/piping installer (required to be certified by the equipment manufacturer and licensed as may be required by the R.I. Department of Labor, Division of Workforce Regulation and Safety) (please supply documentation) along with the electrical contractor and environmental consulting company.

Tank/Piping Installer: \_\_\_\_\_

Electrical Contractor: \_\_\_\_\_

Environmental Consultant: \_\_\_\_\_

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# EQUIPMENT LIST ADDENDUM

Facility Name: \_\_\_\_\_ RI DEM UST Facility ID #: \_\_\_\_\_ Date: \_\_\_\_\_

ITEM	MFG./VENDOR	MODEL #	QUANTITY	ADDITIONAL INFORMATION
Tank (360° Secondary Containment Required)				
Primary Product Pipe & Fittings				
Secondary Pipe & Fittings				
Vent Pipe & Fittings				
Flex Connectors				
Pipe Thread Sealant/Pipe Adhesive				
Piping Sump/Transition Sump				
Sump Entry/Termination Boots and Penetration Fittings				
Dispenser Sump/Pan				
Sump/Pan Entry/Termination Boots and Penetration Fittings				
Spill Containment Basin				
Tank Fill Identifier				
Tank Monitor				
Tank Volume Probe				
Tank Interstitial Sensor				
Piping Sump Sensor				
Dispenser Sump Sensor				
Remote Alarm Enunciator				
Product Pump				
Ball Float Valve				
Extractor Valve				
Automatic Fill Shut-Off				
Fill Tube				
Crash/Shear Valve (Pressure)				
Line Leak Detector				
Check Valve (Suction)				
Monitoring Wells				