

Temporary Approval to Receive Fuel for Piping Systems and ALLD Tests

Underground storage tanks (USTs) may not receive product unless they have a valid UST permit. While some tank tightness tests can be performed without placing fuel in the UST, most line tightness tests and automatic line leak detectors (ALLDs) tests must be conducted with fuel in the UST. In order to obtain temporary approval to receive fuel for the purpose of testing your piping system and ALLD*, the following procedures must be followed:

- Conduct a tank tightness test using a method that does not require product placed in the tank.
- Submit a written request to the Underground Storage Tank Section – Central Office at:
NCDENR/UST
Attn: Registration & Permitting
1637 Mail Service Center
Raleigh, NC 27699-1637
Fax: (919) 733-9413.

The request should contain the following information:

- The name, address and facility ID number for the UST facility.
- The owner's name and address.
- A copy of the tank tightness test results, including supporting data sheets.
- The date that the line tightness and/or automatic line leak detector testing will be conducted.
- The name and address of the company that will be conducting the tests.

*** Note: ALLDs are only required for pressurized piping systems**

- The quantity of product to be placed into each tank in order to complete the testing [Please contact your UST system tester to determine the minimum amount of product needed].

Upon review of the request, a temporary approval to receive fuel may be issued allowing the recipient to legally place fuel into their USTs for the express purpose of testing the UST system. Once the tests are completed, the following information must be submitted to the UST Section Central Office to apply for an annual operating permit:

- A UST-8 "Notification for Activities Involving Underground Storage Tank Systems (USTs)"
- A copy of the line tightness test results.
- A copy of the test results for the ALLDs that clearly show the make and model of each ALLD tested and that each ALLD is working properly.
- A copy of the invoice/delivery ticket showing the amount of product placed in the tank.

Questions?

More specific information on these regulations can be found in 15A NCAC 2N .0801. If you have any other questions, please contact the UST Section Central Office at (919) 733-8486 or visit our web page at www.wastenotnc.org



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Procedures for Placing UST Systems in Temporary Closure & Returning them to Service



**N.C. Department of
Environment and Natural
Resources**

**Division of Waste Management
UST Section**

Steps to place a UST system into Temporary Closure:

A UST System temporarily closed for **less than 3 months** must:

- Continue operation and maintenance of corrosion protection systems on tanks and piping if required.
- Continue inspecting the corrosion protection system for proper operation by a qualified tester at least every 3 years.
- UST systems with impressed current corrosion protection systems must also be inspected every 60 days to ensure the equipment is running properly.
- Continue operation and maintenance of monthly release detection if the UST system was **in use as of** December 22, 1988 and the UST system has greater than 1 inch of product or residue left in the tank.
- Otherwise, the UST system must have all product and residue removed such that not more than one inch is present in any portion of the system.
- Submit a UST-8 “Notification for Activities Involving Underground Storage Tank Systems (USTs)” to the UST Section Central Office notifying the state of temporary closure.
- Continue to submit annual tank fees and maintain financial responsibility.

A UST system temporarily closed **for more than 3 months** must:

- Continue operation and maintenance of corrosion protection systems on tanks and piping if required.

- Continue inspecting the corrosion protection system for proper operation by a qualified tester at least every 3 years.
- UST systems with impressed current corrosion protection systems must also be inspected every 60 days to ensure the equipment is running properly.
- Continue operation and maintenance of monthly release detection if the UST system was **in use as of** December 22, 1988 and the UST system has greater than 1 inch of product or residue left in the tank.
- Otherwise, the UST system must have all product and residue removed such that not more than one inch is present in any portion of the system.
- Leave vent lines open and functioning.
- Cap and secure all other lines, pumps, manways, and ancillary equipment.
- Submit a UST-8 “Notification for Activities Involving Underground Storage Tank Systems (USTs)” to the UST Section Central Office notifying the state of temporary closure.
- Continue to submit annual tank fees and maintain financial responsibility.

Steps to bring a UST system out of Temporary Closure and place it back in service:

- If corrosion protection has been inactive, complete the steps found in DENR’s “Procedures for Inoperative or Failed Corrosion Protection Systems” corresponding to the length of the corrosion protection system outage.

- Conduct a 0.1 gph precision Tank Tightness Test (TTT) of the entire UST that routinely contains product.
- Check all visible systems and equipment to make sure they are in an acceptable condition for operation.
- Ensure proper operation of all spill and overflow equipment.
- Verify the integrity of any spill catchment basins or containment sumps located at the tanks or dispensers.
- Conduct a 0.1 gph Precision Line Tightness Test (LTT) of all piping for pressurized or standard suction systems.
- In addition conduct Automatic Line Leak Detector (ALLD) functionality tests for pressurized piping systems.
- Please see the back of this brochure for instructions on getting temporary approval to receive fuel so that Line Tightness Testing and Automatic Line Leak Detector testing can be conducted.
- Submit a UST-8 “Notification for Activities Involving Underground Storage Tank Systems (USTs)” to the UST Section Central Office updating current UST system equipment and leak detection procedures and including all Line Tightness Test (LTT) and Automatic Line Leak Detector (ALLD) functionality test results.
- Submit the above documents to the Underground Storage Tank Section – Central Office at:

NC DENR/UST Section
Attn: Registration & Permitting
1637 Mail Service Center
Raleigh, NC 27699-1637