



CONCORD FIRE & LIFE SAFETY

Fire Prevention Bureau

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Fuel Storage Tanks Closure and Removal (Above Ground & Underground)

Tank Closure

An Underground Storage Tank (UST), or Aboveground Storage Tank (AST) permit is required for closure of tank(s) system either by removal or abandonment in place.

Required Information:

- Location of tank(s).
- Size of tank(s).
- Type and use of regulated substance stored.
- Method of inerting or purging UST's or AST's.
- Site assessment in accordance with UST Regulations (9VAC25-580-330).
- Closure in place – material to be used to fill UST's.

Closure of UST system(s) shall be in accordance with North Carolina Fire Prevention Code, NCDHNR regulations and all referenced standards.

Tank Removal

Fire Inspections will consist of the following:

- On-site inspections by CFD-FMO inspectors to witness that the tanks are removed.
- Witness that soil or water samples are taken at the time of tank removal if applicable.
- Document method if inerting or purging of tank(s), if applicable.
- Approve back filling of excavation if no release is detected.
- If release is detected, soils must be stored on site and adjacent areas protected, or soils are to be removed to a proper site for disposal.
- Tanks are to be marked – "unfit for human consumption."

A UST – AST permit will be finalized when the soils report is received if a release has taken place.

Closure in place may not be permitted if it is suspected that the tank(s) leak or it is known that the tank(s) leak. If permitted, the tank may be filled with an inert material such as sand, a slurry concrete mix, foam or pea gravel. Boring samples may be required from around the tank to ensure that a release has not taken place.

Two copies of the site plan with the tank location shall be submitted to the Developmental Services Office if closure is by abandonment in place.

For AST/UST closure information, call 704-920-5517.