



Rutherford County Fire-Rescue Department
Division of Fire Prevention - Fire Marshal's Office
2785 Barfield Road
Murfreesboro, Tennessee 37128
(615) 907-3600 Ext. 1



CONSTRUCTION PERMITS

105.7.9- Flammable and Combustible Liquids (Tank Installation)

Permit Fee- \$300 per Tank

Permit Period- 1 Year

Where Required

In accordance with Rutherford County's enacted permitting requirements. An operational permit is required for commercial occupancies/businesses to:

1. To install, repair or modify a pipeline for the transportation of flammable and combustible liquids.
2. To install, construct or alter tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and combustible liquids are produced, processed, transported, stored, dispensed or used.
3. To install, alter, remove, abandon or otherwise dispose of a flammable or combustible liquid tank.

Permit Application

- Must be submitted online at <https://rutherfordcw.tngeo.com/PublicAccess>
- No work may be performed until plans have been reviewed and approved.
- Inspections are required for all permits.

***Installation/Inspection Records are required to be submitted to Inspection Reports Online (IROL)**

Plan Review Submittal Requirements

1. Completed permit application signed by owner/owner's authorized agent.
2. Description of work to be performed.
3. List the quantities and types of flammable and combustible liquids.
4. Copy of fire extinguisher tags (minimum of 40 BC extinguisher required)
5. Copies of SDS Sheets
6. Detailed plans for installations/removals (signed and sealed) shall include:
 - a. Project name, address, and APN (Assessor's Parcel Number).
 - b. Contractor's/Owner's contact information.
 - c. Hazardous Materials Inventory Statement (HMIS) or /MSDS for all liquids.
Ensure the quantities, types of F/C liquids and their flashpoints are provided.
 - d. Overall Site Plan showing the location of the operation or tanks on the property, distance between storage tank(s), nearest habitable structure, property line, and public ways.
 - e. List of vessels, piping, valves and equipment that will use, store, process, or transport F/C liquids. Note which engineering design criteria has been used for vessels, piping, valves or equipment design (i.e. UL 143, API 650, ASME B31.3, etc.)
 - f. Diagram of the location, size and height above grade of the normal tank vents.
 - g. List or diagram of bonding/grounding devices.
 - h. Manufacturer's data of information sheets proving appropriate UL listing of tanks, piping, and valves. Example: data sheets proving that the equipment is listed for petroleum fuels with alcohol additives.
 - i. Diagram of the method, location and volume of secondary containment as required when MAQ is exceeded.
 - j. A diagram of the type and location of vehicle impact protection.
 - k. Buoyancy calculations for underground storage tanks proving gravity force exceeding buoyant force by a safety margin of 20%.

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