



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



OPERATIONAL PERMIT REQUIRED- TANKS

105.6.16- Flammable and Combustible Liquids (Storage/Tanks)

Permit Fee- \$100 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. Store, handle or use Class I liquids in excess of 5 gallons in a building or in excess of 10 gallons outside a building.
2. Store, handle or use Class II or Class IIIA liquids in excess of 25 gallons in a building or in excess of 60 gallons outside a building.
3. Store, handle or use Class IIIB liquids in tanks or portable tanks for fueling motor vehicles at motor fuel dispensing facilities or where connected to fuel burning equipment.
4. Remove Class I or II liquids from an underground storage tank used for fueling motor vehicles by any means other than the approved stationary on-site pumps normally used for dispensing purposes.
5. To operate 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.
6. To place temporarily out of service (for more than 90 days) an underground, protected above-ground, or above-ground flammable or combustible liquid tank.
7. Change the type of contents stored in a flammable or combustible liquid tank to a material that poses a greater hazard than that for which the tank was designed and constructed.
8. To manufacture, process, blend or refine flammable or combustible liquids.

9. To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at commercial, industrial, governmental, or manufacturing establishments in accordance with section 5706.5.4 or to engage in on-demand mobile fueling operations in accordance with section 5707.
10. To utilize a site for the dispensing of liquid fuels from tank vehicles into the fuel tanks of motor vehicles, marine craft and other special equipment at commercial, industrial, governmental or manufacturing establishments in accordance with section 5706.5.4 or, where required by the fire code official, to utilize a site for on-demand mobile fueling operations in accordance with section 5707.

Permit Application

- Permits and plans 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.

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. Manufacture'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%.

Required Inspections

1. Foundation and bed depth
2. Pre-tank installation
3. Tank installation and anchoring
4. Tank cover-up, depth check
5. Piping hydro test or pneumatic test
6. Concrete or asphalt depth prior to pour
7. Bollard inspection