



Orange County
 Emergency Services
 Fire Marshal Division
 510 Meadowlands Drive
 Hillsborough, NC 27278
 919.245.6100

Flammable and Combustible Liquids Permit Application

Date / /	Install <input type="checkbox"/>	Modify <input type="checkbox"/>	Repair <input type="checkbox"/>	Remove <input type="checkbox"/>	Abandon <input type="checkbox"/>	Alter <input type="checkbox"/>	Construct <input type="checkbox"/>	Temporary Construction Site <input type="checkbox"/>
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Applicant
 Company Requesting Permit
 Address

Contractor _____ Phone No. _____
 Mobile No. _____ Fax No. _____ E-mail _____

The above listed applicant hereby makes application for: 1. Install, repair or modify a pipeline for the transportation of flammable or combustible liquids. 2. 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. Install, alter, remove, abandon or otherwise dispose of a flammable or combustible liquid tank.

Construction Permit Fee & Tank Install/Removal \$175.00/per tank

Permit Location/Address:

ALL INFORMATION BELOW MUST BE PROVIDED IN ORDER TO PROCESS THE OPERATIONAL PERMIT	Declaration
1. To use or operate a pipeline for the transportation within facilities of flammable or combustible liquids.	<input type="checkbox"/>
2. To store, handle or use Class I Liquid in excess of 5 gallons (19 L) in a building or in excess of 10 gallons (39.7 L) outside of a building.	<input type="checkbox"/>
3. To store, handle or use Class II or Class IIIA liquids in excess of 25 gallons (95 L) in a building or in excess of 60 gallons (227 L) outside a building, except for fuel oil used in connection with oil-burning equipment.	<input type="checkbox"/>
4. To 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.	<input type="checkbox"/>
5. To 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.	<input type="checkbox"/>
6. 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.	<input type="checkbox"/>
7. To place temporarily out of service (for more than 90 days) an underground, protected above-ground flammable or combustible liquid tank.	<input type="checkbox"/>
8. To 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.	<input type="checkbox"/>
9. To manufacture, process, blend or refine flammable or combustible liquids	<input type="checkbox"/>
10. To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at commercial, industrial, governmental or manufacturing establishments.	<input type="checkbox"/>
11. 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.	<input type="checkbox"/>

Details regarding the above request must be filed when application is made and whenever requested by a Orange County Fire Code Official. It is the applicant's responsibility to ensure that conditions are in accordance with applicable State and Local Fire Regulations. A site inspection in conjunction with this permit is required to verify compliance with the State Fire Code. **Operational Permit Fee \$50**

Signature of Applicant: _____ Date: _____

All tanks shall be designed and installed in accordance with the applicable chapters of the NC State Fire Prevention Code, NFPA Standards, American Petroleum Institute (API) and all other referenced standards. Plan submittal shall include the following unless otherwise exempted:

1. All submittals and permits are processed through the Fire Marshal's Division located at 510 Meadowlands Drive, Hillsborough, North Carolina 27278. (919) 245-6100
2. Submit an electronic copy and one half size set of plans with the designer indicated and the date of design. All plans must be sealed by a North Carolina registered Professional Engineer (PE) or other approved design certification.
3. Include the location (street address), point of compass, and a graphic representation of the scale used.
4. The UL listing of the tank and dispenser and all manufacturers' instructions of equipment.
5. The operating pressure of each tank.
6. The location of the tanks in relation to property lines, buildings, dispensing devices, roads, other tanks, fire hydrants, etc.
7. The design, construction, type and capacity of tanks. If applicable, include the design of tank supports, vault, and identify external and internal corrosion protection.
8. Below ground tank anchoring methods utilized (including bedding materials to be used)
9. If a tank vault is installed, construction and design documents for the installation of the vault.
10. Include burial depth and bedding for underground tanks.
11. Identify the product for each fuel dispenser. Must clearly indicate the location of Kerosene dispensers in relation to gasoline dispensing units.
12. The method of dispensing of liquids must be indicated including specifications for nozzles and/or other devices.
13. The product, the classification of the product, and the quantity of product that is to be stored in each tank.
14. Identify all portable and fixed fire control equipment and show their locations. This includes portable fire extinguishers, water or foam sprinkler systems, monitor nozzles, etc.
15. Venting – must show the location of the tank vent piping, size and height of piping, and emergency relief venting (if applicable).
16. All filling, emptying and vapor recovery connections. Show API color-coding.
17. Show tank vehicle access routes for refilling operations.
18. All overfill protection, secondary containment, and method of leak detection.
19. Specifications for all emergency shut-off control devices and their intended locations. If applicable, include explosion controls.
20. If installed, design and methods used to manifold tanks.
21. All signage to be used including emergency directions and normal operating instructions, and hazard identification signs.
22. Locations, type, and design of collision protection.
23. Failure to provide accurate information on the operational section of this permit for processes will be a revocation of said permit. When processes change, a new permit application shall be filed.

Mail application and payment to the address at the top of the application.

Contractor is responsible for contacting the fire marshal's office for an inspection of each installation component, witness testing of tanks, piping and their appurtenances of the system prior to installation, post installation and prior to any covering of any component of the system including but not limited to foundation bed depth and depth of trench, pre tank installation, tank installation and anchoring, tank cover up with earth depth check, piping hydro test or pneumatic test, concrete depth prior to pour and/or asphalt prior to pour. Bollard inspection prior to pour and all gas island installation inspections.