



Town of Fuquay-Varina
 Fire Department
 Fire Code Administration
 401 Old Honeycutt Road
 Fuquay-Varina, NC 27526
 Phone - 919-753-1014
 Fax - 919-552-0608
www.fuquay-varina.org

Flammable/Combustible Liquids Permit Application

Install, Remove, Abandon, Temporary Construction Sites For Aboveground and Underground Tanks

Date / /	Installation <input type="checkbox"/>	Remove <input type="checkbox"/>	Abandon <input type="checkbox"/>	Temporary Construction Site <input type="checkbox"/>
Name (applicant)				
Company Requesting Permit				
Address				
Person in Charge			Phone No.	
Mobile No.		Fax No.		e-mail
The above listed applicant hereby makes application for:				
Permit Location/Address:				

ALL INFORMATION BELOW MUST BE PROVIDED IN ORDER TO PROCESS THE PERMIT	VERIFIED
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| 1. The permit must be obtained before any work commences, all fees shall be paid at the time of permit application. (\$150.00 per tank) | |
| 2. Submit 3 complete sets of engineered plans and specifications for installations. | |
| 3. Provide completed copies of the NC Division of Environmental Management - Groundwater Section applications. (UST3, UST4, UST6, UST8) | |
| 4. All tank work shall comply with local, state, federal laws including NFPA and American Petroleum Institute standard practices. | |
| 5. The following inspections are required at each phase of the project. (tank install/bedding, tank testing, piping test and final inspection) Schedule inspections at 919-552-1407 24 hours in advance. Failure to complete all inspections will void the permit. | |
| 6. For temporary storage and use on construction sites an inspection by the fire official must be scheduled 24 hours in advance. | |
| 7. For removal or abandonment of tanks API 1604 standards are applicable, a site inspection must be scheduled with the fire official before tank removal. | |

Details regarding the above request must be filed when application is made and whenever requested by a Town of Fuquay-Varina 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.

Date Permit Issued	Issued By	Fee
Census Code	Receipt#	Check #
Signature of Applicant:		Date:
Signature of Fire Code Official:		Date:



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Aboveground / Underground Storage Tank Submittal Requirements (Including Generator Base and Day Tanks)

Section 105.7.5 of the NC Fire Prevention Code requires that a construction permit be obtained to install, alter, remove, abandon, place temporarily out of service or otherwise dispose of a flammable or combustible liquid tank. Construction documents must be submitted for review and approval prior to beginning any work.

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 Building Inspection Department located at 401 Old Honeycutt Road, Fuquay-Varina, North Carolina 27526. (919) 552-1433
2. Submit three (3) complete sets 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. At the discretion of the fire official, the PE seal requirement may be waived for simplistic systems of 300 gallons capacity or less.
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.
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.



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Plans approved by Fuquay-Varina Fire Code Administration give permission for installation. Installation shall not begin without a permit. Final approvals are subject to field inspections. Any approval issued by the Fire Official does not release the contractor or property owner from the responsibility of full compliance with applicable codes.

All installations shall be in accordance with the approved plans. Any deviations from the plans should be discussed with the Fire Official prior to making changes. Changes may require re-submitted plans and details for full approval.

All tanks, associated appliances and devices shall be tested in accordance with all applicable standards prior to being placed into service. Any tanks, associated appliances or devices failing to pass final testing shall be repaired/replaced and retested before being placed into service.

For additional information please contact the Fire Code Administration office at (919) 753-1014.