



Roanoke Fire-EMS

Fire Marshal's Office
 713 Third Street SW
 Roanoke, VA 24016
 (540) 853-2795

www.roanokeva.gov/firemarshal

Fire Prevention Code Permit Application

2018FFCL: Flammable and Combustible Liquids

Applicant Information				
Business Name:				
Physical Address:	Street	City	State	Zip
Mailing Address:	Street	City	State	Zip
Contact Name:				
E-mail Address:				
Primary Phone:		Alternate Phone:		
Location of Permitted Activity				
Business Name:				
Physical Address:	Street	City	State	Zip
Permit Billing Information				
Business Name: <small>(including d/b/a or t/a names)</small>				
Billing Address:	Street	City	State	Zip
Billing Contact:			Phone:	
E-mail Address:				
City of Roanoke Business License #:		Federal Tax ID:		

FIRE MARSHAL'S OFFICE USE ONLY		
Reviewed By:		Date:
Comments/Special Conditions:		
Permit Number:	Permit Fee:	

Application Checklist

Review of this permit application requires all of the following to be included:

- Completed Fire Prevention Code Permit Application
- Site Plan/Floor Plan Showing:
 1. Location of Flammable and Combustible Liquids
 2. Type of Fire Protection System
 3. Location of ALL Fire Extinguishers
 4. Location of ALL Exits or Openings
- List of Maximum expected quantities of each Flammable and Combustible Liquids
- SDS for Flammable and Combustible Liquids
- Safety Plan
- Contingency Spill/Leak Plan

Circumstances of Application/Description of Work

Permit General Conditions and Acknowledgements

The Applicant is required to review the following provisions of the Statewide Fire Prevention Code and its referenced standards. After reviewing each provision, the **Applicant must initial each item to acknowledge their review and agreement to comply with the requirement.** If the requirement is not applicable to the application, the Applicant is to write N/A in place of their initials.

- The fire code official is authorized to require warning signs for the purpose of identifying the hazards of storing or using flammable liquids. Signage for identification and warning such as for the inherent hazard of flammable liquids or smoking shall be provided.
- Warning signs shall be of a durable material. Signs warning of the hazard of flammable liquids shall have white lettering on a red background and shall read: DANGER—FLAMMABLE LIQUIDS. Letters shall be not less than 3 inches in height and ½ inch in stroke.
- Signs shall be posted in locations as required by the fire code official. Piping containing flammable liquids shall be identified in accordance with ASME A13.1.
- Guard posts or other approved means shall be provided to protect piping, valves, or fittings subject to vehicular damage.
- Signs shall be posted in storage areas PROHIBITING open flames and smoking.
- Smoking by tank vehicle drivers, helpers or other personnel is PROHIBITED while they are driving, making deliveries, filling or making repairs to tank vehicles
- Individual containers, packages and cartons shall be identified, marked, labeled and placarded in accordance with federal regulations and applicable state laws.
- Smoking and open flames are prohibited in storage areas in accordance with Section 5003.7.
Exception: Areas designated as smoking and hot work areas, and areas where hot work permits have been issued in accordance with this code.
- Storage of flammable and combustible liquids shall be separated from incompatible materials. Grass, weeds, combustible materials and waste Class I, II or IIIA liquids shall not be accumulated in an unsafe manner at the storage site.
- Plants and portions of plants in which flammable liquids are produced on a scale from crude petroleum, natural gasoline or other hydrocarbon sources shall be in accordance with Sections 5706.7.1 through 5706.7.3. Petroleum-processing plants and facilities or portions of plants or facilities in which flammable or combustible liquids are handled, treated or produced on a commercial scale from crude petroleum, natural gasoline, or other hydrocarbon sources shall also be in accordance with API 651, API 653, API 752, API 1615, API 2001, API 2003, API 2009, API 2015, API 2023, API 2201 and API 2350.

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- An external bond-wire connection or bond-wire integral with a hose shall be provided for the transferring of flammable liquids through open connections into underground tanks.
- Filling, emptying and vapor recovery connections to tanks containing Class I, II or IIIA liquids shall be located outside of buildings in accordance with Section 5704.2.7.5.6 at a location free from sources of ignition and not less than 5 feet (1524 mm) away from building openings or lot lines of property that can be built upon. Such openings shall be properly identified and provided with a liquid-tight cap that shall be closed when not in use.
- Filling and emptying connections to indoor tanks containing Class IIIB liquids and connected to fuel-burning equipment shall be located at a finished ground level location outside of buildings. Such openings shall be provided with a liquid-tight cap that shall be closed when not in use. A sign in accordance with Section 5003.6 that displays the following warning shall be permanently attached at the filling location:

**TRANSFERRING FUEL OTHER THAN
CLASS IIIB COMBUSTIBLE LIQUID TO
THIS TANK CONNECTION IS A VIOLATION
OF THE FIRE CODE AND IS STRICTLY
PROHIBITED**
- Leaks will be reported immediately to the Fire Department by calling 911
- Additional permits might be required based upon details of operations and other materials.

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Permit Certification

By my signature below, I hereby certify that I have read and examined this application and that all of the information contained therein is true and correct. Furthermore, I certify that the proposed operations will fully comply with the requirements contained in The Virginia Statewide Fire Prevention Code and any other related laws and /or Codes. I agree to indemnify, save harmless, and defend the City of Roanoke, its agents and employees, from all claims, damages, costs, expenses, and charges, including attorney's fees, which arise out of or by reason of these operations.

I acknowledge that if a permit is issued based on this application, it shall only be valid with in the building, facility, and/or location listed on this application for the specific date(s) and time(s) for which it is issued.

I acknowledge that approval of this application does not constitute permit issuance. Permit issuance does not occur until the completion of an on-site inspection by the Roanoke Fire Marshal's Office.

I acknowledge and understand that any violations of the Virginia Statewide Fire Prevention Code and/or the requirements of this permit may result in immediate permit suspension or revocation.

I agree to indemnify, save harmless, and defend the City of Roanoke, Virginia and its agents and employees from all claims, damages, costs, expenses, and charges, including attorney's fees, which arise out of or by reason of the activities associated with this permit.

Name:			
Signature:		Date:	

Fire Prevention Code Permit Application Instructions and Conditions 2018 FFCL: Flammable and Combustible Liquids

Permit Name:	2018 FFCL: Flammable and Combustible Liquids
Statewide Fire Prevention Code Section:	5701.4
Scope:	<p>An operational permit is required to store, handle or use Class I liquids in excess of 5 gallons (19L) in a building or in excess of 10 gallons (37.9 L) outside of a building or to store, handle, or use Class II or Class IIIA liquids in excess of 25 gallons (95L) outside a building, except for fuel oil used in connection with oil burning.</p> <p><u>Combustible Liquids:</u> A liquid having a closed cup flash point at or above 100° F (38° C). Combustible liquids shall be subdivided:</p> <p>Class II- Liquids having a closed cup flash point at or above 100° F (38°C) and below 140° F (60°C). Class IIIA- Liquids having a closed cup flash point at or above 140° F (60°C) and below 200°F (93°C) Class IIIB- Liquids having a closed cup flash point at or above 200°F (93°C)</p> <p><u>Flammable Liquid:</u> A liquid having a closed cup flash point below 100° F (38° C). Flammable liquids are further categorized into a group known as Class I liquids. The Class I category is subdivided as follows:</p> <p>Class IA- Liquids having a flash point below 73°F (23°C) and having a boiling point below 100° F (38° C). Class IB- Liquids having a flash point below 73°F (23°C) and having a boiling point below 100° F (38° C). Class IC- Liquids having a flash point at or above 73°F (23°C) and below 100° F (38° C).</p>
Fee:	\$50.00
Duration:	Annual

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Application Requirements:	<p>There are specific and specialized requirements described within this application. Please review the application for all requirements.</p> <p>After issuance of your initial permit(s), your permit(s) will be valid for one (1) year.</p>
Operational Requirements:	<p>Permit holder agrees to abide by the Virginia Statewide Fire Prevention Code and any special stipulations noted on permit. Please review the application for all operational requirements.</p>
Submittal Instructions:	<p>Submittal must include a completed application and all attachments listed on page 2 of this application. This application will not be reviewed without all required attachments.</p>