



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

2018 FOVN: Industrial Ovens

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:	

Fire Prevention Code Permit
Application 2018 FOVN: Industrial
Ovens

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 each oven
 2. Location of gas shutoffs
 3. Location of ALL Fire Extinguishers
 4. Location of ALL Exits or Openings
 5. Indicate whether or not the building is equipped with a fire sprinkler system
- SDS for Solvents , Flammable and Combustible Liquids
- Safety Plan

Circumstances of Application/Description of Work

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Application 2018 FOVN: Industrial
Ovens

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.

- Enclosed rooms or basements containing industrial ovens or furnaces shall be provided with combustion air and with ventilation air.
- When locating ovens, oven heaters and related equipment, the possibility of fire resulting from overheating or from the escape of fuel gas or fuel oil and the possibility of damage to the building and injury to persons resulting from explosion shall be considered.
- Industrial ovens and furnaces shall be located so as not to pose an ignition hazard to flammable vapors or mists or combustible dusts.
- Valves for fuel lines shall be located within 6 feet (1829 mm) of the appliance served.
Exception: when approved and the valve is located in the same general area as the appliance served.
- Interlocks shall be provided for Class A ovens so that conveyors or sources of flammable or combustible materials shall be shut down if either the exhaust or recirculation air supply fails.
- Fixed fire-extinguishing systems shall be provided for Class C or D ovens to protect against such hazards as overheating, spillage of molten salts or metals, quench tanks, ignition of hydraulic oil and escape of fuel. It shall be the user's responsibility to consult with the fire code official concerning the necessary requirements for such protection.
- An approved, clearly worded and prominently displayed safety design data form or manufacture's nameplate shall be provided stating the safe operating condition for which the furnace system was designed, built, altered or extended.
- Operating, maintenance and supervisory personnel shall be thoroughly instructed and trained in the operation of ovens or furnaces.

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Ovens

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 FOVN: Industrial Ovens

Permit Name:	2018 FOVN: Industrial Ovens
Statewide Fire Prevention Code Section:	3001.2
Scope:	<p>An operational permit is required for the operation of industrial ovens.</p> <p><i>Furnace Class A:</i> An oven or furnace that has heat utilization equipment operating at approximately atmospheric pressure wherein there is a potential explosion or fire hazard that could be occasioned by the presence of flammable volatiles or combustible materials processed or heated in the furnace.</p> <p><i>Furnace Class B:</i> An oven or furnace that has heat utilization equipment operating at approximately atmospheric pressure wherein there are no flammable volatiles or combustible materials being completed.</p> <p><i>Furnace Class C:</i> An oven or furnace that has a potential hazard due to a flammable or other special atmosphere being used for treatment of material in process. This type of furnace can use any type of heating system and includes a special atmosphere supply system. Also included in the Class C classification are integral quench furnaces and molten salt bath furnaces.</p> <p><i>Furnace Class D:</i> An oven or furnace that operates at temperatures from above ambient to over 5,000 degrees Fahrenheit (2760 degrees Celsius) and at pressures normally below atmospheric using any type of heating system. These furnaces can include the use of special processing atmospheres.</p>
Fee:	\$50.00
Duration:	Annual
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>

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Operational Requirements:	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.
Submittal Instructions:	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.