



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

2015 FBAT - Battery Systems

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

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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 Battery systems
 2. Types of Battery Systems
 3. Location of ALL Fire Extinguishers
 4. Location of ALL Exits and Openings
 5. Indicate whether or not the building is equipped with a fire sprinkler system
- Safety 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.

- Vented lead-acid, nickel-cadmium or other types of nonrecombinant batteries shall be provided with safety venting caps.
- VRLA batteries shall be equipped with self-sealing flame-arresting safety vents.
- VRLA and lithium metal polymer battery systems shall be provided with a listed device or other approved method to preclude, detect and control thermal runaway.
- Where stationary batteries are installed in a separate equipment room accessible only to authorized personnel, they shall be permitted to be installed on an open rack for ease of maintenance.
- Where a system of VRLA, lithium-ion, or other type of sealed, non-venting batteries is situated in an occupied work center, it shall be allowed to be housed in a noncombustible cabinet or other enclosure to prevent access by unauthorized personnel.
- Where stationary batteries are contained in cabinets in occupied work centers, the cabinet enclosures shall be located within 10 feet (3048 mm) of the equipment that they support.
- An approved method and materials for the control and neutralization of a spill of electrolyte shall be provided in areas containing lead acid, nickel-cadmium or other types of batteries with free flowing liquid electrolyte. For purposes of this paragraph, a “spill” is defined as any unintentional release of electrolyte.
- Doors into electrical equipment rooms or buildings containing stationary battery systems shall be provided with approved signs. The signs shall state:
 1. The room contains energized battery system
 2. The room contains energized electrical circuits
 3. The battery electrolyte solutions, where present, are corrosive liquids.

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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:	

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Fire Prevention Code Permit Application Instructions and Conditions
2015 FBAT - Battery Systems

Permit Name:	2015 FBAT - Battery Systems
Statewide Fire Prevention Code Section:	601.2 (608.1)
Scope:	An operational permit is required for stationary storage battery systems having an electrolyte capacity of more than 50 gallons (189 L) for flooded lead-acid, nickel cadmium (Ni-Cd), and valve-regulated lead-acid (VRLA) or more than 1,000 pounds (454 kg) for lithium-ion and lithium metal polymer used for facility stand-by power, emergency power supplies.
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. Approximately 30 days prior to the expiration of your permit, a renewal notice will be mailed to you with instructions for the annual permit renewal.</p>
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.