



Roanoke Fire-EMS
 Fire Marshal Office
 713 Third Street Sw
 Roanoke, VA 24016
 540-853-2795

www.roanokeva.gov/firemarshal
 fire.marshall@roanokeva.gov

Permit Application # 2009. 2 Pyrotechnic Special Effects Material. (Indoor Fire Works)

To be completed by the Permit Applicant

Business Information				
Name of business applying for permit		Date(s) for event:		
Business Name:				
Address:		Street	City	State Zip
Contact Name:				
Phone:		()	Alternate Phone/cell:	()
E-mail Address:				
Name of Venue:				
Address:		Street		
Contact Name:				
Phone:		()	Alternate Phone/cell:	()
E-mail Address:				
Sponsor				
Address:		Street	City	State Zip
Contact Name:				
Phone:		()	Alternate Phone/cell:	()
E-mail Address:				
City of Roanoke Business License #:				
Comments:				
<p>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.</p>				
Signature:			Date:	
Please include a check payable to the City of Roanoke.				
Approved By:			Date:	
Denied: _____		Reason for Denial:		
Comments:				
Permit Number:		Permit Fee:		Check Number:
Payment	Date Received:		Receipt Number	



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CODE SECTION: (2009 Virginia Statewide Fire Prevention Code): 107.2

SCOPE: An operational permit is required Pyrotechnic or Special Effects Material indoors. (Indoor Fire Works)

FEE: \$250.00 Per show (Check payable to the City of Roanoke)

PERMIT Duration: Per show

Application period: Application must be received 30 days prior to event

REQUIREMENTS: Permit holder agrees to abide by the Virginia Statewide Fire Prevention Code and any special stipulations noted on permit, as well as the following:

1. Of the following, check all circumstances for which application is being made:

- 1.1. For the use of pyrotechnics in theatrical, musical or similar productions before a proximate audience, performers, or support personnel.
- 1.2. The use of pyrotechnics while videotaping, audio taping, or filming of any television, radio, or movie production where such production takes place before a proximate audience.
- 1.3. The rehearsal of any production in which pyrotechnics are used.
- 1.4. The indoor use of pyrotechnics.
- 1.5. The outdoor use of pyrotechnics at distances less than those required by NFPA 1123, Code for Fireworks Display, as referenced by Section 3308.2.2 of the Virginia Statewide Fire Prevention Code.

Note: Any permit issued as a result of this application does not confer approval to use flammable liquids and/or flammable gases in any performance or display. Separate approval must be provided for the use of such materials.

2. The use of pyrotechnic materials and/or devices will occur on:

(Date): ____/____/20____ beginning at (time) ____:____ am/pm and end at (time) ____:____ am/pm.



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2.1. [] Check this box if the firing of identical pyrotechnic materials or device setups will occur on multiple succeeding (sequential) dates and/or times. List all the dates and times on a separate page and attach it to this application. (See application instructions for Lines 9.3 and 10.1.)

3. A walk-through and representative demonstration of the pyrotechnics may be conducted. The walk-through and demonstration will be available to commence on (date) ____/____ 20__ (time) ____:____ am/pm prior to the first rehearsal, production and/or performance at which pyrotechnics will be used, and will be completed with sufficient time allowed after the demonstration to reset/reload the pyrotechnics before the arrival of any audience.

4. Operators, Assistants and Pyrotechnic Specifications

4.1. Name and age of the pyrotechnic operator (person actually in charge of firing the pyrotechnics): _____

4.2. List Virginia State Fire Marshal Certification number: _____

4.3. List of any qualifications/credentials the operator may possess or is willing to offer:

4.4. The pyrotechnic experience of the operator can be evidenced by having fired (check one in each column):

Number of shows fired: During a period covering:

- | | |
|--|---|
| <input type="checkbox"/> 1 —5 shows | <input type="checkbox"/> 1 —6 months |
| <input type="checkbox"/> 6—10 shows | <input type="checkbox"/> 7—12 months |
| <input type="checkbox"/> 11 —20 shows | <input type="checkbox"/> 13—24 months |
| <input type="checkbox"/> Over 20 shows | <input type="checkbox"/> Over 24 months |

4.4.1. With the latest firing having occurred at (print):

Name and physical address of facility: _____

Name and phone number for venue manager: _____



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Date of firing: _____

4.5. Name and ages of all assistants who will be present (attach additional pages as needed):

Assistants Names	Age	Virginia Certification Number (If Certified)

5. Additional Attachments

The following items are to be provided as attachments to this application:

5.1. A diagram of the grounds or facilities where the production is to be held. (See application instructions.)

The diagram is to show:

- 5.1.1. the point at which the pyrotechnic devices are to be positioned and fired,
- 5.1.2. the fallout radius for each pyrotechnic device used in the performance, and
- 5.1.3. the lines behind which the audience will be restrained.

5.2. The point of on-site assembly of pyrotechnic devices.

5.3. A material safety data sheet (MSDS) for the pyrotechnic material(s) to be used and,

- 5.3.1. the name, address and phone number of the manufacturer, and
- 5.3.2. the manufacturer's statement regarding whether the pyrotechnic is intended for indoor use, and Check this box if this item is not applicable to the circumstance.
- 5.3.3. whether it is to be used with any special considerations or cautions.

5.4. Certification that the set, scenery, and rigging materials are inherently flame-retardant or have been treated to achieve flame retardancy. Check this box if this item is not applicable to the circumstance.



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5.5. [] List the number and types of pyrotechnic devices or materials to be used on a separate sheet of paper and attach to application.

5.6. [] Proof of a corporate surety bond or a public liability insurance policy in an amount acceptable to the sponsor noted on Line 9.1 and/or venue manage listed on Line 9.2.1 but not less than \$1,000,000.00.

6. Conditions and acknowledgement

The applicant is required to review and initial the following requirements of the Statewide Fire Prevention Code and its referenced standards. By initialing each item, the applicant acknowledges their review and agreement to comply with the listed requirements. (If the item does not apply to the circumstance, the applicant is to write N/A in place of their initials.)

6.1. _____ When the use of indoor pyrotechnics requires air-handling systems to be disengaged, the applicant will make timely and proper notification to a representative of the building owner who will be given the opportunity to be present for the firing of the pyrotechnic devices. The restoration of the building life safety systems shall be returned to normal operating conditions as soon as the likelihood of false alarms from the pyrotechnics has passed.

6.1.1. _____ When the performance necessitates the bypassing of any smoke detectors, the applicant shall arrange for a fire watch officer, acceptable to the Fire Marshal's Office, to be available during performances and rehearsals. The fire watch officer shall be in direct communication with the local fire department. All smoke detectors shall be reactivated as the likelihood of false alarms has passed.

6.2. _____ Binary materials shall be pre-weighed, pre-measured, pre-packaged, and identified by the manufacturer as being intended for indoor use.

7.3. _____ Two or more fire extinguishers of the proper size and classification shall be readily accessible while the pyrotechnics are being loaded, prepared for firing, or fired. In all cases, at least two pressurized water extinguishers shall be available.

6.4. _____ The pyrotechnic operator shall only use an electrical firing system. The firing system shall be designed to ensure against accidental firing by providing at least a two-step interlock process that requires the operator to intentionally enable or arm the firing system; and deliberately apply firing power.

6.5. _____ The power source used for firing pyrotechnic devices is restricted to batteries or isolated power supplies used for firing purposes only.



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6.6. _____ All pyrotechnic device holders shall be constructed and secured so that they remain in a fixed position when the device is fired, and;

6.6.1. _____ Comets and mines shall be fired so that the trajectory of the pyrotechnic material is not carried over the audience.

6.6.2. _____ Waterfalls shall be placed for firing so that no flammable materials are within their fallout area.

6.6.3. _____ Airbursts shall be fired above the assembled audience only if (1) the airburst is suspended by a minimum 30-gauge metal wire firmly attached to a secure support; (2) the airburst occurs at a minimum height of three [times the diameter of the effect; (3) there shall be no burning or glowing particles below the 15-foot level above the floor and proven during a demonstration.

6.6.4. _____ Each pyrotechnic device fired during a performance shall be (1) separated from the audience by at least 15 feet but not less than twice the fallout radius of the device, and (2) project no glowing or flaming particles within 10 feet of the audience, (3) that no part, projectile, or debris from the pyrotechnic material or device is propelled so that it damages overhead properties, overhead equipment, or the ceiling and walls of the performance area, and (4) where pyrotechnics are fired, the quantity of smoke developed shall not obscure the visibility of exit signs or paths of egress; all of which may be proven during a demonstration.

6.6.5. _____ Concussion mortars, if used, shall be separated from the audience by a minimum of 25 feet and placed in a secured location that prevents the audience and support personnel from gaining access to the secured location.

6.7. _____ Pyrotechnic devices shall be fired only when the area where the effect is to occur is in clear view of the operator.

6.8. _____ All PYROTECHNICS will be secured in at least a type 3 magazine. (N/A does not apply for this line. A magazine will be provide.)



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7. By my signature below, I attest the above information is accurate and correct. I acknowledge and agree to comply with all applicable requirements of the Virginia Statewide Fire Prevention Code (SFPC) and its referenced standard governing the use, storage and firing of pyrotechnics before a proximate audience, even those not specifically expressed on this application.

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

This application and attachments are submitted with the required permit fee in the form of a check or money order payable to the City of Roanoke. The fee is based upon number of shows.

If approved for permit issuance, I acknowledge that a copy of this application and all its attachments will be available on-site during the dates and a time noted for Lines 10 and 10.1 of the application, and constitutes approval to proceed with the activities applied for. I further acknowledge and understand that any SFPC violations identified after permit issuance may result in immediate permit suspension or revocation.

Name: _____

Signature: _____

Date: _____