

**CITY OF DU QUOIN**

**APPLICATION FOR AN OUTDOOR PYROTECHNIC DISPLAY PERMIT**

**PART A – DISPLAY SPONSOR INFORMATION**

Display Sponsor's Name	Telephone Number
Address	Cell Phone

**PART B – PYROTECHNIC DISTRIBUTOR INFORMATION**

Pyrotechnic Distributor's Name	OSFM License	
Address	Telephone Number	
Location Where Fireworks Stored	Storage Dates	
Lead Pyrotechnic Operator's Name	OSFM License	
Assistant's Names	Date of Birth	License No. (if any)
<u>Liability Insurance: (not less than \$1,000,000.00)</u>		
Name and Address of Insurer	Telephone Number	
Policy Number	Coverage Dates	
Type of Coverage		
List Type, Size and Approximate Number of Fireworks to be Displayed: (if you need more space, please attach a separate sheet of paper.)		

**PART C – DISPLAY INFORMATION**

Display Location	
Property Owner's Name	Telephone Number
Owner's Address (if different than Display Location)	
Date of Display	Time of Display
Alternative Date	Time of Alternative Display
<p>By signing below, the Owner of the property on which the Outdoor Pyrotechnic Display will take place, hereby authorizes the Display Sponsor and the Pyrotechnic Distributor to perform the Outdoor Pyrotechnic Display on said property.</p> <p>Signature:</p>	

**PART D – SITE INSPECTION INFORMATION**

Answer the following questions	Yes	No
Is distance to any fire hydrant or water supply greater than 600'?		
Is display area clear from overhead obstructions?		
Have provisions been made to keep the public out of display area?		
Is a hospital, nursing home, or other institution within 600' of the display site?		
Have provisions been made for on-site fire protection during the display?		
Has a diagram of the display site been attached to this application?		
Identify the largest mortar size (in inches) you intend to use.		
Identify the minimum secured diameter of the display site (in feet) based on the largest mortar size.		

**PART E – FIRE DEPARTMENT AUTHORIZATION  
(Completed by Fire Department)**

Department Name	Telephone Number	
Department Address		
Based on review of the Display Site, the provided Diagram, And this application:	Yes	No
Have you verified the answers the applicant has given to Part D of This application?		
Will the performance of the described Outdoor Pyrotechnic Display at the planned display site be hazardous to property or endanger any person?		
By signing below, the Fire Chief of the above-identified fire jurisdiction, or his or her designee, hereby acknowledges that he or she inspected the Display Site:		
Signature:		
Print Name:	Date	

**CITY OF DU QUOIN**

**OUTDOOR PROFESSIONAL DISPLAY SITE CHECKLIST**

**PART A – DISPLAY INFORMATION**

Name of Company: \_\_\_\_\_ License No. \_\_\_\_\_

Name of Lead Operator: \_\_\_\_\_ License No. \_\_\_\_\_

Location of Display: \_\_\_\_\_

Venue Contact: (Name, Address and Telephone Number)  
\_\_\_\_\_

Date of Display: \_\_\_\_\_ Alternative Display Date: \_\_\_\_\_

<u>Assistants Names</u>	<u>Date of Birth</u>	<u>License No. (If Any)</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

**PART B – DISPLAY SITE SELECTION/MINIMUM DISTANCES**

- Did the operator provide you a copy of the Display Site plan? The display site plan must include the dimensions and locations of the discharge site, the fallout area, and identify the spectator viewing area and parking areas which must be located outside of the display site. The associated separation distances must also be shown.
- Identify the largest mortar size in inches: ( )
- The minimum display site size required to conduct the display is based on the size of the largest mortar. To determine the minimum area for the display site, go to Table 1 and read the number next to size of the largest mortar identified above:

**Table 1**

<b>Mortar Size (in inches)</b>	<b>Minimum Secured Diameter of the Site (in feet)</b>
<3	280
3	420
4	560
5	700
6	840
7	980
8	1120
10	1400
12	1680

*Where unusual or safety-threatening conditions exist, the authority having jurisdiction shall be permitted to increase the required separation distances as it deems necessary.*

- Spectators and spectator parking areas must be located outside of the display site.
- Dwellings, buildings, and structures are not permitted to be located within the display site without the approval of the authority having jurisdiction and the owner and the dwelling, building, or structure is unoccupied during the display. The building may remain occupied if the structure provides protection through substantial noncombustible or fire-resistant construction for the occupants.
- Fire protection personnel and their vehicles and other emergency response personnel and vehicles shall remain at or beyond the perimeter of the display site during the actual firing of the display.
- Review sample Display Site Plan at end of this document.

### **PART C – LOCATION OF DISPLAY**

- Mortars shall be placed at the approximate center of the display site.
- There shall not be any overhead object over the mortars or within 25 ft of the trajectory of any aerial shells.
- Ground display pieces shall be located a minimum distance of 75 ft from spectator viewing areas and parking areas.
  - Exception: For ground pieces with greater hazard potential (such as large wheels with powerful drivers, and items employing large salutes) or all roman candles and multishot devices, the minimum separation distance shall be increased to 125 ft (38 m).

## **PART D - MORTARS**

- Mortars shall be positioned and spaced so that shells are propelled away from spectators, over the fallout area, and to afford maximum protection to the shooter and loader. Under no circumstances shall mortars be angled toward the spectator viewing area.
- Mortar racks or bundles shall be constructed in a thorough and workmanlike manner to be capable of holding multiple mortars in position during normal functioning. Mortar racks or bundles that are not inherently stable shall be secured or braced to stabilize them. Stabilization shall be accomplished by using stakes, legs, A-frames, side-boards, or equivalent means.

## **PART E – GROUND DISPLAY**

- To the extent that it is practical, all ground display pieces shall be positioned outside the discharge area of aerial displays.
  - Exception: Where aerial shells have been preloaded, ground display pieces shall be permitted to be located in that discharge area.
- Dry grass or combustible materials located beneath ground display pieces shall be wet down before the display if they are in sufficient quantity to be a fire hazard.
- Poles for ground display pieces shall be securely placed and firmly braced so that they do not fall over during functioning of the fireworks device.

## **PART F – DISPLAY SITE SAFETY**

- The authority having jurisdiction and the operator shall meet and determine the level of fire protection required.
- During the period before the display, where pyrotechnic materials are present, unescorted public access to the site shall not be permitted.
- Are there enough monitors positioned around the discharge site to prevent spectators or any other unauthorized persons from entering the discharge site? The discharge site must be restricted throughout the display and until the discharge site has been inspected after the display. The authority having jurisdiction may approve delineators or barriers to be used in crowd control.

- Does the display have at least two spotters, or preferably more, assigned to watch the flight and behavior of aerial shells and other aerial fireworks to verify that they are functioning as intended. If any unsafe condition is detected, such as hazardous debris falling into the audience, the spotter shall signal the shooter to cease firing until the unsafe condition is corrected. The spotters shall be in direct communication with the shooter during the conduct of the display, with an effective means of informing the shooter of any hazardous condition.

### **PART G – DISCHARGE AREA SAFETY**

- During the firing of the display, all personnel in the discharge site shall wear head protection, eye protection, hearing protection, and foot protection and shall wear cotton, wool, or similarly flame-resistant, long-sleeved, long-legged clothing. Personal protective equipment, as necessary, shall be worn by the operator and assistants during the setup and cleanup of the display.
- No person shall ever place any body part over the mortar during the loading and firing of a display until mortars have been checked for the absence of any shells following the display.
- Smoking materials, matches, lighters or open flame devices shall not be allowed within 50 ft (15 m) of any area where fireworks or other pyrotechnic materials are present.
  - Exception: Devices such as fuses, portfires, and torches shall be permitted to be used to ignite fireworks.
- No person shall be allowed in the discharge area while under the influence of alcohol, narcotics, or medication that could adversely affect judgment, mobility, or stability.
- The first shell fired shall be observed carefully to determine that its trajectory is such that the shell functions over the fallout area and that any hazardous debris or unexploded shells land in the fallout area. The display shall be interrupted and the mortars shall be reangled or repositioned as necessary for safety at any time during an outdoor fireworks display.

### **PART H – HALTING DISPLAY**

- Wherever, in the opinion of the authority having jurisdiction or the operator, any hazardous condition exists, the fireworks display shall be postponed until the condition is corrected. Such conditions include but are not limited to the following:

- The lack of crowd control,
  - If high winds, precipitation, or other adverse weather conditions prevail, or
  - If any unsafe condition is detected, such as hazardous debris falling into the audience, the spotter shall signal the shooter to cease firing until the unsafe condition is corrected.
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- In the event of a condition arising requiring the entry of fire protection or other emergency response personnel into the fallout area or security perimeter, the display shall be halted until the situation is resolved and the area is once again clear.

### **PART I – POST DISPLAY INSPECTION**

- Following the display, the firing crew shall conduct an inspection of the fallout area for the purpose of locating any unexploded aerial shells or live components. This inspection shall be conducted before any public access to the site shall be permitted.
- Where fireworks are displayed at night, a search of the fallout area shall be made immediately after the display and at first light the following morning by the operator or designated personnel acceptable to the authority having jurisdiction.



**CITY OF DU QUOIN**

Once the Fire Chief, or his or her designee, has signed this permit form, you must return to the local governmental authority issuing the permit to have it signed by the designated Officer in order for the permit to be valid.

**OUTDOOR PYROTECHNIC DISPLAY PERMIT**

Date \_\_\_\_\_ Permit No. \_\_\_\_\_

PERMITTEES:

Display Sponsor \_\_\_\_\_

Pyrotechnic Distributor \_\_\_\_\_

The above-identified permittees are hereby granted permission to conduct an Outdoor Pyrotechnic Display, using Display Fireworks, on \_\_\_\_\_,  
(Month, Day, Year)  
at \_\_\_\_\_ in \_\_\_\_\_, Illinois.  
(Time) (City/Village/Township/Unincorporated County)

In the event the display cannot be held on that date, the permittees are given permission to conduct said display at the above-identified location on \_\_\_\_\_,  
(Month, Day, Year) at \_\_\_\_\_.  
(Time)

The Lead Pyrotechnic Operator, \_\_\_\_\_, is hereby  
(Name)  
designated as the supervisor of the display, and given overall responsibility for the safety, setup, discharge and supervision of the detonation, ignition, or deflagration of the Display Fireworks during the Outdoor Pyrotechnic Display.

\_\_\_\_\_  
Issuing Officer

I have reviewed the permit, inspected the site and approve this permit.

\_\_\_\_\_  
Fire Chief (or Designee)

This permit is non-transferable and must be in possession of the Lead Pyrotechnic Operator during the Outdoor Pyrotechnic Display.