



FIRE PREVENTION

FIREWORKS and PYROTECHNIC DISPLAYS

Effective January 1, 2010, the Lake Forest City Council agreed that all Fireworks and Pyrotechnic Display permits, with the approval of the Fire Chief and the City Manager, will be charged a fee of \$100.00. Upon issuance of the permit, please remit a check in the amount of \$100.00 payable to **The City of Lake Forest**. All permits will be issued during regular business hours at the Lake Forest Fire Department, 255 W. Deerpath, Lake Forest, IL. 60045.

A handwritten signature in black ink that reads "Jeffrey B. Howell".

Jeffrey B. Howell, Fire Chief



LAKE FOREST FIRE DEPARTMENT
255 W. Deerpath
Lake Forest, IL. 60045



**APPLICATION FOR PERMIT FOR THE
FIREWORKS and PYROTECHNIC DISPLAYS**

Applications must be made minimum of two (2) weeks in advance of the date set for the outdoor fireworks display.

DATE: _____

1- Group/Organization Sponsoring Event:

Name: _____

Address: _____

Phone: _____

2- Fireworks Operator: Their phone #

Name: _____

Address: _____

Phone: _____

3- Supplier of the Fireworks (if different than that of the Operator):

Name: _____

Address: _____

Phone: _____



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4- Financial Responsibility:

Evidence of financial responsibility by the sponsor of the event and the operator of the fire works display is required. This shall include an insurance certificate or other document attesting to coverage and responsibility. The City of Lake Forest must be added as additional insured to the insurance coverage for this event.

Proof of Insurance Must be attached.

5- Date/Time:

Scheduled Date

Rain/Wind Date

Date of Display: _____

Alternate Date: _____

Start Time: _____ End Time: _____

Start Time: _____ End Time: _____

6- Exact Written Location of Display:

Use additional sheets if necessary. Also, see Site Diagram 5-6.

7- Confirmation of license of the operator and the number of assistants that are to be present.

Copy of ATF License Must Be Attached.

Operator Name: _____

Phone # _____

Number of Assistants: _____

Attach List of Names of Assistants.

8- Approximate number and kinds of fireworks to be discharged:

Attach Additional Sheets if Needed.



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9- Time of delivery of fireworks to display:

Attach Additional Sheets if Needed.

10- A diagram of the grounds on which the outdoor fireworks display is to be held, showing the point at which the fireworks are to be discharged, the location of all buildings, highways and other lines of communication, the lines behind which the audience is to be restrained, and the location of other possible overhead obstructions.

See Attached Form Page 6.

**Date
Received**

**Date
Approved**

Signature

Fire Chief: _____

City Manager: _____

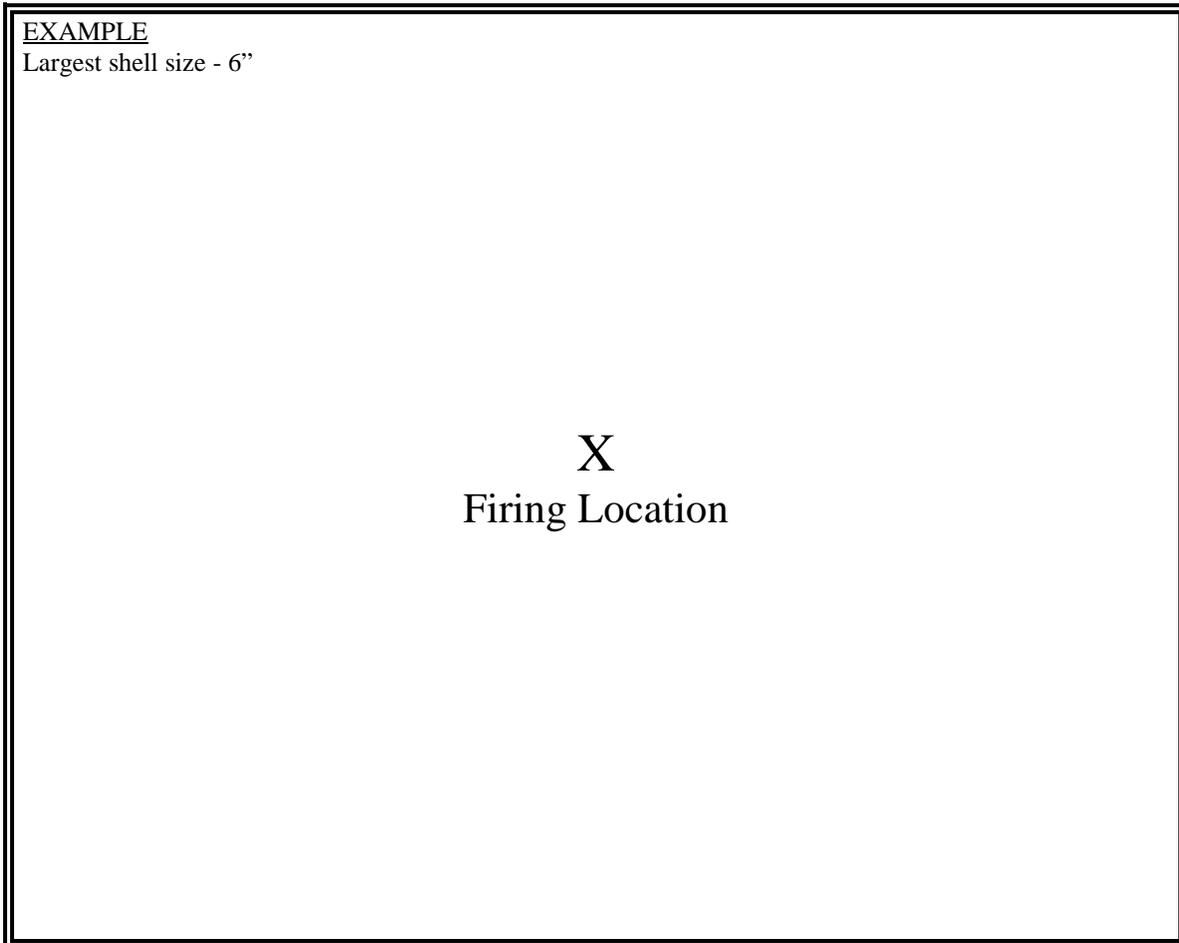


SITE DIAGRAM

Once a site is chosen, you need to prepare a site diagram. This does not have to be an artists rendering, but it must clearly show the following.

Indicate the following:

- 1) Shooting Location:
- 2) Distances from firing site to:
 - A. Spectators
 - B. Parking
 - C. Residences
 - D. Commercial Buildings



In accordance with NFPA 1123, we will review the shooting site that you have selected for your fireworks display. Specifically, we will look to ensure that proper safety distances are being met, that the firing site is cleared, and that the area can be secured. After reviewing the site, we will contact you with any recommendations we feel are necessary to ensure a safe show.

On the day of the display, a final inspection must be made by the fire department with the operator to insure that all requirements of NFPA 1123 have been met. The Lake Forest Fire Department reserves the right to inspect the site or any aspects of the display at any time.

Person completing form: _____



OUTDOOR FIREWORKS DISPLAY
SITE CHECK LIST

Note: This is not all inclusive, but covers the main concerns.

There should be an inspection of the display site by the display operator, the authority having jurisdiction, and the sponsor, well before the date of the display. At that time, there should be a review of at least those points raised below. On the day of the display, a final check should be made to insure that all requirements have been met.

NFPA 1123	Requirement	
3-1.3 3-3.2	Display site radius must be at least 70 feet for every inch of the largest mortar ID, and this area must be clear of all spectators and vehicles during the display.	
3-2.3 3-2.3.1	Vertically placed mortars are to be placed near the center of the discharge site, but are only allowed if there will be no reloading during that portion of the display.	
3-2.3.1	If mortars are to be reloaded during the display, they must be angled away from the main spectator area, and they must be offset slightly toward the main spectator area.	
3-2.1	There must be no overhead obstructions in the immediate area of the mortars.	
2-3.3	Mortars must be securely held in place by burial to at least 2/3 their length or above ground in strong racks for shells 6" and under in diameter.	
2-3.3	When mortars will be reloaded during a display, mortars of the same size must be in groups and the groups separated from one another.	
2-3.6 A-2-3.6 2-3.6.3 A-2-3.6.3	Mortars must be of sufficient strength, length and durability to cause shells to be propelled to safe altitudes.	
2-3.4	When the display crew will be in the immediate area of the mortars when fired, sand bags (or other suitable protection) shall be placed against the mortars to the approximate level of their muzzle.	
2-3.3.6	Racks used to hold mortars containing chain-fused shells, must be very strong and well braced. (see NFPA Exceptions.)	
2-2.4 2-2.5	If mortars are to be reloaded during the display, shells must be stored in proper containers and kept at least 25 feet upwind of the mortars.	
2-2.1	Before the display, fireworks must be properly transported and stored.	
2-2.2	After delivery to the display site, fireworks must never be left unattended and must be protected from theft or damage.	
4-1.6	There must be no smoking within 50 feet of any fireworks or pyrotechnic materials.	
2-2.3	Fireworks must be inspected for damage and proper fit in the mortars before their use.	
2-1.7 2-1.7.1	Salute shells larger than 3 inches should not be used.	
3-2.2	Ground displays must be at least 75 feet from spectators and more powerful items must be at least 125 feet away.	
4-1 4-1.1	There must be adequate fire protection provided on site.	
4-1.2 4-1.2.1 4-1.2.2	There must be an adequate number of crowd control monitors and crowd control must be maintained until the display site has been searched for dud shells and other dangerous debris.	
4-1.2.1	When practical, fences or rope barriers should be used to aid crowd control.	
5-1.1 5-1.2	The display operator must be knowledgeable and experienced concerning the safe conduct of fireworks display.	
4-1.3	During the display, the operator may participate, but safety must be his primary concern.	
4-1.3.1 4-1.3.2	The operator is responsible to insure that a sufficient number of assistants are on the display crew and that they are properly trained.	

2-3.2 4-1.4 4-1.4.1 4-1.4.2 4-2.7	A member of the display crew must observe if shells or dangerous debris are falling into or toward the spectator areas or if the crowd control has been lost.	
4-2.10	Following the display, all dud shells and components must be located and removed. A second search, at first light on the day after the display, is appropriate.	

FINALLY:

NOTIFICATION OF FIREWORKS AND PYROTECHNIC DISPLAYS WILL BE MADE FIRST TO THE LAKE FOREST FIRE DEPARTMENT BATTALION CHIEF AT 847-810-3869 AND THEN TO OUR DISPATCH CENTER AT 847-234-2601 IF NO ANSWER AT THE BC'S OFFICE.