

**FIREWORKS DISPLAY INSPECTION**

Organization \_\_\_\_\_ Contact # \_\_\_\_\_

Stand Address \_\_\_\_\_

Storage Address \_\_\_\_\_

Distributor \_\_\_\_\_ Contact # \_\_\_\_\_

Inspected by \_\_\_\_\_ Station \_\_\_\_\_ Date \_\_\_\_\_

**Inspection Results: Inspection for this Display is hereby**  **Granted**  **Denied**

All department personnel involved in the inspection of any public fireworks display set-up and firing should inspect for compliance with the provisions of 19 CCR 1003

**Fireworks Display Must Have the Following Posted Prior to the Initial Inspection:**

- Cal Fire State Fire Marshals Permit for Public Fireworks Displays
- Pre-Display Report
- Site map with setbacks, display location, fallout zone, and vehicle parking.
- Certificate of Liability insurance covering Merced County Fire and Affiliates.
- Workers Compensation Insurance
- Current California State Fire Marshals Fireworks Display Operators license
- California State Highway Patrol Hazardous Materials Transportation License
- Types, quantities and sizes of explosives to be used at display.

**SECURITY**

- Verify site security of storage area, discharge area, display area and fallout area as indicated on approved plan.
- Verify arrangement for traffic and crowd control before, during and after display.

**TRANSPORTATION AND STORAGE ARRANGEMENTS**

- Transportation shipping documents match products in vehicle.
- Vehicle placards are provided as required.
- Fireworks storage is in an approved manner and location
- Storage container(s) is locked and secured.

**FIRE PROTECTION AND SAFETY EQUIPMENT**

- A minimum of two currently serviced 2.5-gallon pressurized water extinguishers shall be available on the site
- Shovel and container available for retrieving duds
- Operators and assistants located within the fallout area are required to have proper safety gear and protective clothing on during the firing of the display and immediately after the display.

**MORTAR INSPECTION**

- Compare list of mortar racks, etc. with actual equipment.
- Mortars are approved for use with type of shells to be fired.
- Mortars are inspected prior to use for defects, debris, etc.
- Base plugs are securely attached to bottom of mortars.
- Mortars are proper length for size of shells to be fired.

**RACK INSPECTION**

- Racks have no more than 10 tubes per unit.
- Base and ends of racks are nominal 2" thick lumber.

## TROUGH INSPECTION

- No trough is more than 8 feet in length.
- Bottom surface of trough is provided with 3/4" plywood if not sufficiently stable to support firing of the mortar.
- Troughs are constructed of minimum 3/4" plywood and secured with 3/8" through-bolts, rods or angle iron "U" brackets at each end and center.
- Sand or soft dirt, free of rocks or debris, is on-hand to fill trough.
- Minimum separation distance between mortar is provided.
- Trough is of adequate height to securely bury mortar 2/3 of their minimum legal length.

## DRUM INSPECTION

- Drums are in good condition.
- Sand or soft dirt, free of rocks or debris, is on-hand to fill drum.
- Drums are of adequate size to provide minimum separation distances between mortars.
- Drums are of adequate height to securely bury mortars 2/3 of their minimum legal length.

## TRENCHES, ETC. TO BURY MORTARS IN GROUND

- Planking below mortars is provided for unstable or unlevel surfaces.
- Trenches are of sufficient depth to securely bury mortars 2/3 of their minimum legal length.
- Minimum separation distance between mortars is provided.
- Sand or soft dirt, free of rocks or debris, is on-hand to fill trench.

## AERIAL SHELL INSPECTION

- Number of shells matches quantity listed on permit.
- Shells properly lab for use in California.
- operator examines shells for damage.
- operator sizes shell for proper fir in mortars.

## GROUND DEVICE INSPECTION

- Ground devices match items listed on permit.
- Location and spacing of devices is per approved permit.
- Equipment available to secure & brace ground devices.

## DISCHARGE FALLOUT AREA INSPECTION

- Location is as per approved permit.
- Minimum required fallout area is provided.
- Arrangements provided to secure fallout area when shell loading begins.

## ELECTRICALLY FIRED DISPLAY INSPECTION

- Power source is restricted to batteries or individually isolated generators.
- Firing system is protected against accidental firing.
- Method for circuit testing is available.
- Firing panel is located within continuously unobstructed full view of operator.

## MANUALLY FIRED DISPLAY INSPECTION

- Safety caps protecting fuses remain in place until immediately before firing.

## RELOADED MORTARS DISPLAY INSPECTION

- No HDPE Mortars will be reloading.
- Ready box(es) are located more than 25 feet upwind of the closest mortar.
- Ready box(es) are divided into separate compartments for each shell size.
- Ready box(es) are covered with a flame-resistive canvas cover.

## OPERATION OF DISPLAY

- Discharge, display, and fallout areas are cleared of all unauthorized personnel prior to loading shells.
- No one under the age of 18 is in discharge, display, and fallout areas once loading of shells begins.
- Mortars are aimed over fallout area and away from separators.
- On electrically fired shows, discharge area is cleared of all persons prior to electrical circuit testing.
- All devices are ONLY fired upon or signal of the licensed operator.
- During discharging of shells, operator observes activities to ensure wind and trajectory are adequate and makes adjustment if necessary.
- If a misfire occurs, mortar shall must be identified, marked and left undisturbed.

## POST DISPLAY ACTIVITIES

- NO ONE permitted to enter display, discharge or fall out areas until pyrotechnic operator has determined the area to be safe and secure.
- Entire firing area is inspected by pyrotechnic operator and crew to locate any unexploded shells. Shells located are properly disposed of.
- Unfired shells removed and returned directly to supplier or stored in manner approved on permit.
- Racks have blocks (nominally 2"x4") separating individual mortars.
- Racks for mortars 3" or larger have side braces of 1"x6" nominal lumber or ½"x4" plywood.
- All racks with more than 5 tubes have diagonal side braces.
- Racks are secured to prevent falling over.