## INSPECTION CHECKLIST

### Fireworks (Public Display)

- **Y** = Meets Requirements; **N** = Does Not Meet Requirements; **N/A** = Not Applicable

### GENERAL:

- □ □ □ A permit is required for public displays (IFC 3308.1.1)
- □ □ □ The pyrotechnic operator must be certified by the State Fire Marshal (IFC 3308.1.1)
- □ □ □ Diagram/site plan required showing location of buildings, highways, overhead obstructions, and audience/crowd distances (IFC 3308.2.1)
- □ □ □ Public assemblage plan can be required – including standby firefighters (IFC 403 & 3308.1.1)

### FIREWORKS STORAGE AT DISPLAY SITE:

- □ □ □ Fireworks shall not be unattended (IFC 3308.5.1)
- □ □ □ Fireworks shall be kept dry (IFC 3308.5.2)
- □ □ □ Shells to be inspected. Damaged, leaking, wet, or torn shells shall not be used (IFC 3308.5.3)
- □ □ □ Aerial shells to be checked for proper fit into mortars (IFC 3308.5.3)
- □ □ □ Ready boxes to be used for storage of fireworks and located at least 25 feet from mortars (IFC 3308.5.5)
- □ □ □ Smoking and open flames are prohibited within 50 ft. of area where fireworks or pyrotechnic materials are present. (NFPA 1123 8.1.6.1)
- □ □ □ NO SMOKING OR OPEN FLAME signs must be conspicuously posted in the area (IFC 310.3)

### FIREWORKS DISPLAY SITE:

- □ □ □ Minimum required radius of display site shall be 70 ft. per inch of internal mortar diameter of the largest aerial shell to be fired [Ex. A 6” mortar = 420’] (NFPA 1123 5.1.3)
- □ □ □ Discharge site arranged so that the trajectory of aerial shells shall not be within 25 feet of overhead objects or obstructions. (NFPA 1123 5.1.4.7)
- □ □ □ The AHJ (fire official) can order that a display be stopped if weather conditions or poor crowd control become a concern (NFPA 1123 8.1.4.1 and 8.1.4.2)
- □ □ □ Aerial shells greater than 6 inches in diameter shall be preloaded into mortars prior to beginning of display with some exceptions (NFPA 1123 8.2.9.1.1 and 8.2.9.1.2)
- □ □ □ Aerial shells greater than 6 inches in diameter shall be fired with electrical ignition or other means of remote ignition with some exceptions (NFPA 1123 8.2.9.2.1 and 8.2.9.2.2)
- □ □ □ Only the operator, authorized assistants and inspectors representing the AHJ are permitted to be in the display site while display is in progress (NFPA 1123 8.1.3.2)
- □ □ □ Operators and assistants shall only use flashlights, electrical lighting or other nonincendive illumination such as chemical luminescent devices for illuminating the firing and ready box area (NFPA 1123 8.1.3.2)
- □ □ □ The radius for ground pieces of low hazard potential shall be at least 75 feet (NFPA 5.1.3.5.1)
- □ □ □ The radius for ground pieces of high hazard potential shall be at least 125 feet (NFPA 5.1.3.5.2)
- □ □ □ Post display inspection and accounting for unexploded devices is required (IFC 3308.9)

This checklist is intended as a guide to assist fire inspection personnel in identifying general fire and life safety hazards, other possible code requirements may apply. Please refer to other checklists for information on certain occupancies/topics.