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CODES ENFORCEMENT SECTION
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Proximate Pyrotechnic Display Diagram Checklist
2006 Edition of NFPA 1126, Standard for Proximate Pyrotechnic Displays
(Show information on the diagram or by other documentation where applicable)

1. List the pyrotechnic operator's qualifications and experience. (NFPA 1126 6.3.2(6))
2. Identify the location, number, and type of pyrotechnic devices, mortars, and materials used. (NFPA 1126 6.3.2 (10))
3. Submit a diagram of the grounds or facility where the production is to be held. (NFPA 1126 6.3.2 (11))
 - a. Show the point at which the pyrotechnic devices are to be fired.
 - b. Identify any overhead obstructions.
 - c. Show the fallout radius for each pyrotechnic device used in the performance.
 - d. Show the lines behind which the audience must be restrained (at least 15 ft. clearance, but not less than twice the fallout radius of the device). (NFPA 1126 6.4.1)
 - e. For outdoor displays, show the location of the fire suppression vehicles and personnel required by Tenn. Code Ann. § 68-104-211(b).
4. For indoor displays, provide a statement that at least one trained fire fighter will be on site during the display as required by Tenn. Code Ann. § 68-104-211 (c) (1).
5. Identify the manner and place of storage of the pyrotechnic materials and devices. (NFPA 1126 5.1)
 - a. Fireworks shall be stored in a secured area except where supervised or inaccessible. (NFPA 1126 5.2.3)
 - b. Provide magazine storage for mixed binary products (DOT 1.3G) in accordance with Title 7, Code of Federal Register Subpart K (federal storage regulations).
6. Provide certifications that the set, scenery, and rigging materials are inherently flame-retardant or have been treated to achieve flame retardancy. (NFPA 1126 6.3.2 (15))
7. Provide at least 2 pressurized water extinguishers **and** at least 2 Class 10-BC extinguishers located on opposite sides of the stage. (NFPA 1126 8.1.1.1 and 8.1.1.2)

8. Where the performance necessitates the bypassing of any smoke detectors, the permittee must arrange for a fire watch officer from the authority having jurisdiction to be available during performances and rehearsals. The fire watch must be capable of directing the operation of all fire detection and life safety systems. (NFPA 1126 8.1.6.1)
9. Each device must be at least 15 ft or twice the fallout distance from the audience, whichever is greater. (NFPA 1126 8.4.1)
10. Concussion mortars must be separated from the audience by a minimum of 25 ft. (NFPA 1126 8.4.2)