



PROXIMATE PYROTECHNICS CHECKLIST (AHJ/Inspector)

1. Pyrotechnic walkthrough and demonstration:
 - a. Confirm venue management consent to pyrotechnics.
 - b. Verify pyrotechnic plot with actual site dimensions/adjustments.
2. Type of devices – verify indoor/proximate use & performance specifications (NFPA 1126: 5.1, 5.2, 5.3, 5.4).
3. Verify quantities, locations, and cueing of devices to be used.
4. Verify secure areas and methods for restricting unauthorized persons from entering.
5. Verify that all devices are securely fixed with proper audience separation:
 - a. Minimum 15 ft or 2X fallout radius (NFPA 1126: 6.4.1)
 - b. Concussion mortars a minimum 25 ft in secured area (NFPA 1126: 6.4.2)
 - c. Trajectory of comets/mines not over audience (NFPA 1126: 6.2.11)
 - d. Waterfall effect area free of flammable materials (NFPA 1126: 6.2.12)
 - e. Wire rocket effects properly secured and terminated (NFPA 1126: 6.2.9)
 - f. Airbursts over audience to be minimum height of 3 times the diameter of effect, and no sparks within 15 ft of floor (NFPA 1126: 6.2.14(1) & (2))
6. Check fire fighting equipment:
 - a. Minimum of 2 approved water fire extinguishers (NFPA 1126: 6.1.1.1)
 - b. Other firefighting equipment as needed/required (NFPA 1126: 6.1.1 & 6.1.1.2)
 - c. Existing on-site fire fighting equipment/systems
7. Pyrotechnic firing systems:
 - a. Verify operational/safety features and functions of systems (NFPA 1126: 6.3.2 & 6.3.3)
 - b. Verify operator & spotters have clear view of effects and communication with operator (NFPA 1126: 6.3.5)
8. Determine plan for HVAC /detectors adjustments & notification of demonstration.
9. Determine need for demonstration of representative effects.
10. Check plans for approved and secure on-site storage and preparation areas (NFPA 1126: 4.3.2 (I), 6.1.3 & 6.1.4):
 - a. Separation from heat/flame sparks (NFPA 1126: 3.3)
 - b. No smoking within 25 ft (signage) (NFPA 1126: 6.5.5)
 - c. Materials stored/handled neatly and orderly (NFPA 1126: 6.5.1)
11. Check plan for personal protective equipment for preparation and loading of pyrotechnics (NFPA 1126: 6.5.7).
12. Verify proper State Permit (see attached identification picture).
13. Verify all assistants have attended safety meeting; collect OSFM safety questionnaires.

Proximate Audience
Pyrotechnic

**OPERATORS
PERMIT**

**J
A
N**

YOUR
PHOTO
HERE

**2
0
1
2**

Your Name
Permit # 000123

FRONT

Wayne Goodwin

Commissioner of Insurance
State Fire Marshal



BACK

Proximate Audience
Pyrotechnic

**ASSISTANT
OPERATORS
PERMIT**

**J
A
N**

YOUR
PHOTO
HERE

**2
0
1
2**

Your Name
Permit # 000123

FRONT

Wayne Goodwin

Commissioner of Insurance
State Fire Marshal



BACK