



FIREWORKS, PYROTECHNIC, OR FLAME EFFECT SUBMITTAL REQUIREMENTS

These guidelines are to be followed when a business, facility or organization proposes to Display or the Production of Fireworks, Pyrotechnic, or Flame Effect within the Lake Cities Fire Department Jurisdiction. This document shall assist in the preparation of a submittal for permit. These guidelines are not to be interpreted as containing all data required for proper design, installation, or approval.

All Displays or Productions of Fireworks, Pyrotechnic, or Flame Effect for the purposes of this guideline and the requirements of the Fire Department shall conform to the current adopted International Fire Code, and amendments by Hickory Creek, Shady Shores, Lake Dallas, and Corinth.

This guide does not replace, nor supersede any codes and/or ordinances adopted by Hickory Creek, Shady Shores, Lake Dallas, and Corinth.

INCOMPLETE PERMIT APPLICATIONS WILL NOT BE REVIEWED.

PYROTECHNICS DISPLAY

1. These guidelines are to be followed when a business, group, or other entity within the Municipalities of Corinth, Lake Dallas, Hickory Creek, and Shady Shores, requests the use and display of pyrotechnics, commonly referred to as "fireworks". This document will assist in the permitting and submittal requirements for the use of fireworks, flame effects or other similar pyrotechnics displays.

ORDINANCE AMENDMENTS

2. **IFC Amendments 5601.1.3 Fireworks.** The possession, manufacture, storage, sale, handling, and use of fireworks are prohibited.

Exceptions:

- a. Only when approved for firework displays, storage and handling of fireworks as approved in **IFC Section 5604 and 5608.**
- b. The use of fireworks for approved display as permitted in **IFC Section 5608.**

TERRITORIAL APPLICABILITY

3. This article shall be applicable and enforced throughout the incorporated limits and territory of Corinth, Lake Dallas, Hickory Creek, and Shady Shores for all public and private events.
4. Authorization may also be required from the pertaining municipality for **all public and private** Fireworks, Pyrotechnics, Flame Effect Displays, and Productions. If any permits or fees are required by the municipality, must be fulfilled before the Lake Cities Fire Department will approve the permit.

NOTE: If required, a letter of authorization from the pertaining municipality shall be submitted to the Lake Cities Fire Department or the permit application shall be denied.

DEFINITIONS

5. **Fireworks.** Fireworks are defined as any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes by combustion, deflagration, detonation, and/or activated by ignition with a match or other heat producing device that meets the definition of 1.3G fireworks or 1.4G fireworks as set forth herein.

6. **Fireworks Display.** A presentation of fireworks or pyrotechnic devices for a public or private gathering.
7. **Flame Effect.** The combustion of flammable solids, liquids, or gases to produce thermal, physical, visual, or audible phenomena before an audience.

NOTE: Sparkular Effects (Cold Sparks) are regulated by the State Fire Marshal's Office and considered as a Flame Effect.

8. **Pyrotechnic Special Effect.** A visible or audible effect for entertainment is created through the use of pyrotechnic materials and devices.

OPERATIONAL REQUIREMENTS

9. No pyrotechnics or explosive materials, for the use, display, storage and/or handling shall be stored within Corinth, Lake Dallas, Hickory Creek, or Shady Shores without prior approval and permit from the Lake Cities Fire Department.
10. For displays, compliance with the **current adoption of the IFC Section 5608**, Fireworks Displays shall be demonstrated.
11. For storage and handling, compliance with **current adoption of the IFC Section 5604**, Explosive Materials Storage and Handling.
12. **Texas Occupational Code Chapter 2154, Regulation of Fireworks & Fireworks Displays & 28 TAC 34.800**, requires that a license from the **State Fire Marshal's Office, pursuant to 2154.101**, is required for personnel engaged in fireworks displays and pyrotechnics.
13. Compliance with **Senate Bill 693**, Use of Flame Effects or Pyrotechnics, shall be demonstrated.
14. All outdoor pyrotechnic displays shall be completed by **11:00 PM**. Unless there is prior approval from the municipality for a later display.

NOTE: Approval letters from surrounding businesses and residential communities may be required prior to permit approval and for later display time.

15. No outdoor pyrotechnic displays shall be permitted with wind velocities **exceeding 20 MPH**.
16. All roadways, fire access roads (fire lanes), aisles, or access routes by which vehicle or pedestrian traffic will pass into the safety zone, shall be barricaded. All barricades shall provide a physical barrier to prevent pedestrian and vehicular traffic. Barricades shall be the responsibility of the pyrotechnic/flame effect/flame art personnel and the venue.
17. Any buildings or structures permitted to be within the safety zone shall be unoccupied.

FLAME ART PERFORMANCES

18. A copy of the video of performance that will be conducted.
19. Proof of insurance (one million dollars minimum liability) and list of performances that cover the last two years is required at the time of application.
20. A written fire safety plan for the act during and after each performance to include but not limited to:
 - a. Site plan/drawing including performance area and location of audience
 - b. Type of fuel used during performance
 - c. Material Safety Data Sheet for each fuel used
 - d. Name, experience, and training of the performer
 - e. Experience and training of the performance safety personnel
 - f. Dates and times of each performance
 - g. If outdoors wind limitations
 - h. Supplemental fire protection features
 - i. Emergency response procedures
 - j. Means of egress

PERMIT AND FIRE WATCH/STANDBY

21. A Permit and fire watch/standby is required for all approved pyrotechnic displays.
22. A representative of the licensed pyrotechnics company shall pay the permit fees at least one week prior to the event.
23. Permit fees are now paid through the online permit portal.

PERMIT REQUIREMENTS

24. For a permit to be issued, documentation in accordance with this guideline must be submitted to the Lake Cities Fire Marshal's Office and subsequently approved and permitted.
25. The submittal package for pyrotechnic and/or flame effect production must consist of the following documents and requirements of the **current adoption of the IFC Section 5608 and the current edition of NFPA 1123 & 1126:**
26. The submittal packages must be received no later than **10 business days (2 weeks)** prior to the event.

NOTE: To avoid delays with the plan review and permit approval, please refer to the information listed below and verify that all the information is correct. Incomplete submittals may not be approved or accepted.

27. All permit requests shall have a complete Lake Cities Fire Department Pyrotechnics Permit Application.
28. Provide that transportation is in accordance with the current edition of the **NFPA 1123 & 1126**, and **DOT**.
29. Provide a copy of your Texas Department of Insurance/State Fire Marshal's Office Pyrotechnics license.
30. Evidence of the applicant Certificate of Liability Insurance and all additionally insured parties.
31. Copy of the Texas Department of Insurance Application for Class B Fireworks permit requests.
32. Indicate quantity of each type and size of pyrotechnics device. (i.e. gerbs, flares, cakes, mortars, flash post, aerials, cold sparks, etc.)
33. Indicate total amount of 1.3G, 1.4G fireworks to be used.
34. Indicate total quantity and type of explosive material and/or pyrotechnical composition.
35. Location and type of storage magazine and location and type of fireworks kept on site.
36. Indicate you meet compliance with the current **Texas Occupational Code Chapter 2154 & TAC 34.800 & SB 693** on regulation of fireworks and fireworks displays.
37. Site plan/drawing of the proposed launch site or display area, to include vehicle parking, buildings, obstructions, barricades, safety zone, roadways, storage area, exits, distance to the audience, and fire protection equipment must be provided by **IFC Section 5608 and NFPA 1123 & 1126**.
38. Indicate the manner of detonation/ignition of the fireworks/pyrotechnic effects.

ON SITE INSPECTION AND REQUIREMENTS

39. Final approval of the display and field verification is required prior to the production/display/shoot occurring by the Fire Official Representative.
40. The Fire Official Representative will be on-site for the duration of the event and will have final approval to delay, cease or modify the display based upon the safety concerns noted during the on-site inspection.
41. A licensed pyrotechnic operator shall be present and on-site throughout the set-up display and shall remain on-site after the display has been cleared as required by **NFPA 1123**.
42. Any approval issued by the Lake Cities Fire Marshal's Office does not release the contractor or property owner from the responsibility of full compliance with all applicable codes and ordinances.
43. All approved forms and permits shall be kept on the job site until the end of the production/display/shoot.

44. All installations shall comply with the approved plans.

NOTE: Any deviation or changes from the approved plans requires a resubmittal to the Lake Cities Fire Marshal's Office for review and approval, unless approved by the onsite Fire Official Representative to meet any safety issues or requirements.

45. All permitted pyrotechnics displays, uses and/or storage for the purposes of this guideline and any other guidelines or requirements of the Fire Department shall conform to the **adopted International Fire Code, and Amendments.**

46. Licensed pyrotechnician and trained personnel shall be on-site.

47. Safety zone shall be maintained at all times and shall be the responsibility of the venue and pyrotechnics company.

48. Safety zones shall be free from combustibles and unauthorized personnel.

49. Appropriate safety equipment shall be worn by **ALL** pyrotechnicians.

50. Have all appropriate portable fire protection in place.

51. A minimum of 1 5lb ABC fire extinguisher shall be provided.

52. Fireworks storage location and magazines shall be secured at all times by a representative of the pyrotechnic company.

53. Detonation devices shall remain disarmed and secured until approval is given by the Fire Official Representative.

54. Separation distance between the audience and the pyrotechnic devices must be maintained at all times.

55. Barricades must be in place prior to setup.

56. Egress pathway must remain clear at all times.

57. Fire access roads (fire lanes) must remain clear at all times.

NOTE: If the display does not meet any of the requirements, it fails to operate, or safety zones are not met, the event or display maybe be stopped or canceled by the Fire Official Representative.

STANDBY/FIRE WATCH REPRESENTATIVE REQUIRMENTS

58. The Lake Cities Fire Marshals Office can provide the standby/fire watch. Please contact the Lake Cities Fire Marshal's Office for rate.

59. The pyrotechnic company may use an outside vendor/person(s) for standby/fire watch for non-municipality events that meet the following requirements:

- a. The onsite person(s) that will be conducting the Standby/Fire Watch must be a certified Fire Inspector through the Texas Commission on Fire Protection.
- b. Provide the Fire Inspector Certification from the Texas Commission on Fire Protection of the person(s) that will be conducting the Standby/Fire Watch.

- c. Provide a copy of their valid Texas Driver's License.
- d. Provide the contact information of the outside person(s) that will be conducting the Standby/Fire Watch at the time of the permit application.

NOTE: Final approval on the outside vendor/person(s) will be approved or denied by the Fire Marshal's Office.

The issuance of a Fire Department Permit from the Lake Cities Fire Department does not relieve the applicant of any permits required by the Municipalities of Hickory Creek, Shady Shores, Lake Dallas, or Corinth Building Department.

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