



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

These guidelines are to be followed when a business, group, or other entity within the Cities of Corinth, Lake Dallas, Township of 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

1. **2021 IFC Amendments 5601.1.3 Fireworks.** The possession, manufacture, storage, sale, handling, and use of fireworks are prohibited.

Exceptions:

- a. Only when approved for fireworks displays, storage and handling of fireworks as approved in **2021 IFC Section 5604 and 5608.**
- b. The use of fireworks for approved display as permitted in **2021 IFC Section 5608.**

TERRITORIAL APPLICABILITY

2. 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.

3. Authorization may also be required from the pertaining city or township for **all public and private** Fireworks, Pyrotechnics, Flame Effect Displays, and Productions. If any permits or fees are required by the city or township, they must be fulfilled before to the Lake Cities Fire Department will approve the permit.

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

DEFINITIONS

4. **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.

NOTE: A pyrotechnics permit includes the use of 1.1G and 1.2G.

5. **Fireworks Display.** A presentation of fireworks or pyrotechnic devices for a public or private gathering.
6. **Flame Effect.** The combustion of flammable solids, liquids, or gases to produce thermal, physical, visual, or audible phenomena before an audience.
7. **Pyrotechnic Special Effect.** A visible or audible effect for entertainment created through the use of pyrotechnic materials and devices.

PERMIT AND FIRE WATCH FEES

8. A Permit and Fire Watch Fee is required for all approved pyrotechnic displays. (See permit application) A representative of the licensed pyrotechnics company shall pay the fee at least one week prior to the event. Fees shall be made payable to "Lake Cities Fire Department" and payment can be made at the Lake Cities Fire Administration Building.

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 city or township 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 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.

PERMITTING REQUIREMENTS

In order for a permit to be issued, documentation in accordance with this guideline must be submitted to the Lake Cities Fire Code Official and subsequently approved and permitted. To expedite the plan review and inspection processes, please refer to the information listed below.

18. The submittal package for a 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:**

19. Two sets of submittal packages must be received no later than ten business days (2 weeks) prior to the event. Incomplete submittals may not be approved or accepted.

20. All permit requests shall have a completed Lake Cities Fire Department Pyrotechnics Permit Application.

21. Provide that transportation is in accordance with the current edition of the **NFPA 1123 & 1126**, and **DOT**.

22. Provide a copy of your Texas Department of Insurance/State Fire Marshal's Office Pyrotechnics license.

23. Copy of the Texas Department of Insurance Application for Class B Fireworks permit requests.

24. Indicate quantity of each type and size of pyrotechnics device. (i.e. gerbs, flares, cakes, mortars, flash post, aerials, cold sparks, etc.)

25. Indicate total amount of 1.3G, 1.4G fireworks or total amount of 1.1G and/or 1.2G.

26. Indicate total quantity and type of explosive material and/or pyrotechnical composition.

27. Location and type of storage magazine and location and type of fireworks kept on site.

28. Indicate you meet compliance with the current **Texas Occupational Code Chapter 2154 & TAC 34.800 & SB 693** on regulation of fireworks and fireworks displays.

29. Provide required information stipulated in the Pyrotechnics Guidelines with application:

30. 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 per **IFC Section 5608 and NFPA 1123 & 1126**.

31. Evidence of the applicant event Certificate of Liability Insurance and all additionally insured parties.

32. Indicate the manner of detonation/ignition of the fireworks/pyrotechnic effects.

33. Final approval of the display is required prior to the production/display/shoot occurring. A representative of the Lake Cities Fire Marshal's Office will be on-site for the duration of the event and will have the final approval to delay, cease or modify the display based upon the safety concerns noted during the on-site inspection.

34. A licensed pyrotechnic operator shall be present and on-site throughout the setup, display and shall remain on-site after the display as required per current edition **NFPA 1123**.

FLAME ART PERFORMANCES

35. A copy of the video of performance that will be conducted.

36. 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.

37. 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 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

GENERAL SUBMITTAL REQUIREMENTS

- 38. Each submittal shall have a completed Lake Cities Fire Department Plan Review Permit Application.
- 39. Plans approved by the Lake Cities Fire Marshal's Office give authorization for installation. Final approvals are subject to field verification. 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.
- 40. All fire department inspection forms and permits shall be kept on the job site until final inspection.
- 41. All installations shall comply with the approved plans. Any deviation from the approved plans requires a resubmittal to the Fire Marshal's Office.
- 42. 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 **current adopted International Fire Code, and Amendments.**

ON SITE INSPECTION AND REQUIREMENTS

- 43. Licensed pyrotechnician and trained personnel on-site.
- 44. Safety zone shall be maintained at all times and shall be the responsibility of the venue and/ or pyrotechnics company.
- 45. Safety zone shall be free from combustibles.
- 46. Appropriate safety equipment shall be worn by all Pyrotechnicians.
- 47. In-place and portable fire protection.
- 48. Fireworks storage location and magazine.
- 49. Detonation device.
- 50. Separation distance between the audience and the pyrotechnic devices.
- 51. Egress pathway, if required.
- 52. Barricades.

NOTE: If the display does not meet the requirements or fails to operate, the event or display maybe be canceled by the Fire Official Representative.

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

Submit Plans To
Lake Cities Fire Department
3501 FM 2181 Suite B Corinth, TX 76210
Phone: 940-279-4590 Fax: 940-497-3455