



Pyrotechnic Display and Flame Effects Submittal Guide

Licensing Requirements

Per Texas Occupations Code §2154 and Title 28 TAC §34.800–§34.826, the following apply:

- The **operator** must hold a valid **Texas Pyrotechnic Special Effects Operator License** issued by the **Texas Department of Insurance (State Fire Marshal's Office)**.
- The **company** conducting the display must hold a valid **Pyrotechnic or Special Effects Company License**.
- A copy of both licenses must be uploaded with the permit application.
- Operators shall have their licenses **present on site** during setup, testing, and performance.

Purpose

This guide provides the requirements for submitting permit applications to conduct **pyrotechnic displays, flame effects before an audience, or other open flame special effects** within the City of Bryan. The intent is to ensure public safety and compliance with applicable codes, standards, and Texas licensing laws.

Permit Overview

A **Pyrotechnic Display or Flame Effects Permit** is required for any public or private event that includes:

- Outdoor aerial fireworks or proximate pyrotechnics
- Flame effects or open flame used in theatrical, concert, or public performances
- Special effects involving flammable gases, liquids, or solids
- Indoor pyrotechnic or flame presentations

Permits are required **regardless of audience size or event location** and must be issued by the **Bryan Fire Marshal's Office** prior to any setup, testing, or performance.

Submittal Requirements

All applications shall be submitted **at least 15 business days prior to the event** through the City's **Citizenserve Permit Portal**. Incomplete applications will delay review and approval.

Required Documents

1. **Permit Application Form**
 - **Event name, date(s), time(s), and location**
 - **Applicant and property owner information**
 - **Name, license number, and contact information for the lead operator**
2. **Site Plan / Display Diagram**



- Show discharge site, spectator viewing areas, fallout zones, buildings, overhead obstructions, power lines, roadways, and emergency vehicle access.
 - Indicate minimum required separation distances per NFPA 1123 (Outdoor Displays) or NFPA 1126 (Proximate Effects).
 - Include location of fire extinguishers, water sources, and fire watch personnel.
3. **Material and Device List**
 - List all pyrotechnic or flame effect devices, including manufacturer, type, and size.
 - Include Safety Data Sheets (SDS) for all materials used.
 4. **Narrative Description / Sequence of Operations**
 - Explain how each device will be used, fired, or controlled.
 - Describe safety measures, fire watch assignments, and emergency shutdown procedures.
 - Identify communication methods between operator, event control, and fire watch.
 5. **Proof of Insurance**
 - Provide a Certificate of Insurance naming the City of Bryan as additional insured.
 - Minimum coverage: \$1,000,000 per occurrence and \$2,000,000 aggregate.
 6. **State Licenses and Certifications**
 - Upload copies of valid TDI-issued operator and company licenses.
 - Include any manufacturer certifications for special effects equipment.
 7. **Property Owner Authorization Letter**
 - Written approval from the property owner or venue operator authorizing the use of pyrotechnics or flame effects on the property.
 8. **Fire Department Standby Plan (if required)**
 - Certain events may require a fire department standby unit. The Fire Marshal's Office will determine this during review.

On-Site Requirements

- **Demonstration:** A full-scale setup and demonstration may be required prior to the event for inspection and approval by the Fire Marshal's Office.
- **Fire Safety Measures:** Operators must provide the minimum fire protection equipment required by NFPA 1123/1126, including fire extinguishers and fire watch personnel.
- **Weather Conditions:** Displays may not be conducted during high winds or unfavorable weather as determined by the Fire Marshal.
- **Post-Display Inspection:** A post-event inspection is required to verify that no unexploded or residual materials remain on site.

Prohibited Conditions

A permit shall not be issued when:

- Required licenses, insurance, or documentation are missing or expired.
- The display site cannot meet the minimum safety distances required by NFPA 1123/1126.
- Unsafe weather or environmental conditions exist.



- Fire Marshal determines there is an unacceptable risk to life or property.

Inspection and Approval

1. All displays and effects must be inspected and approved by the Fire Marshal prior to operation.
2. Permits must be **posted or available on site** during all phases of the event.
3. The Fire Marshal may revoke a permit for noncompliance or unsafe practices.

References

- **2021 International Fire Code (IFC):** Chapters 56 and 33
- **NFPA 1123:** Code for Fireworks Display
- **NFPA 1126:** Standard for the Use of Pyrotechnics Before a Proximate Audience
- **Texas Occupations Code, Chapter 2154**
- **28 Texas Administrative Code §34.800–826**