

**Pyrotechnics, Open Flames,  
and  
Entertainment Lasers**



Any use of pyrotechnics, flame effects, or entertainment lasers on the Texas A&M University campus must comply with all applicable state and federal regulations and with the following procedures.

If you or your organization is interested in using pyrotechnics, flame effects, or entertainment lasers on the Texas A&M University Campus please submit the attached application with appropriate attachments ten (10) days prior to the requested date of the event. Include all supporting documents as defined by Texas A&M University Standard Administrative Procedure [24.01.04.M7.01](#). You may also reference attachments A, B, or C as a guide when submitting your application packet. Submit application and all other required documents to Texas A&M University - Environmental Health and Safety at:

**Texas A&M University  
Environmental Health and Safety  
4472 TAMU  
College Station, TX 77843-4472**

Phone Number: (979) 845-2132  
Fax Number (979) 845-1348  
On the web: <http://ehsd.tamu.edu/>  
Email: [ehsd@tamu.edu](mailto:ehsd@tamu.edu)

Once received, the request will be reviewed and, if approved, a permit will be issued to the sponsoring person/group.

**Please allow 10 working days for processing this request.**

- [Application](#) – Application for use of Pyrotechnic/Flame Effects/Entertainment Lasers
- [Attachment A](#) – Plan requirements for the use of Pyrotechnics
- [Attachment B](#) – Plan requirements for the use of Flame Effects
- [Attachment C](#) – Plan requirements for the use of Entertainment Lasers

**Application for the use of  
Pyrotechnics, Open Flames, and  
Entertainment Lasers**



**ENVIRONMENTAL  
HEALTH & SAFETY**  
TEXAS A&M UNIVERSITY

Event Name: \_\_\_\_\_

Sponsor Information:

Name: \_\_\_\_\_ Department: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Building #: \_\_\_\_\_ Building Name: \_\_\_\_\_

Location: \_\_\_\_\_

Production Type:             Pyrotechnics             Flame Effects  
    Indoor                             Entertainment Lasers  
    Outdoor

Production Date(s): \_\_\_\_\_ Time(s): \_\_\_\_\_

Alternate Date(s): \_\_\_\_\_

Brief Description of Production:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Production Company Information

Company Name: \_\_\_\_\_ Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Phone #: \_\_\_\_\_

Primary Operator: \_\_\_\_\_ Phone #: \_\_\_\_\_

License #/State: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Proof of Financial Responsibility

Company Name: \_\_\_\_\_ Account #: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Name on Policy: \_\_\_\_\_ Is TAMU a beneficiary?     Yes     No

Sponsor Signature: \_\_\_\_\_

## Plan Requirements for the use of Pyrotechnics Attachment “A”



**ENVIRONMENTAL  
HEALTH & SAFETY**  
TEXAS A&M UNIVERSITY

- Identify the qualifications and experience of the pyrotechnic operator
- Name, age and responsibilities of any and all assistants.
- Copy of any applicable local, state, and federal permits or licenses held by the operator or assistant(s).
- The name, address, and phone number of the supplier of the fireworks to the operator, if different from that of the operator.
- Evidence of insurance carrier or financial responsibility.
- Number and types of pyrotechnic devices and materials to be used.
- Diagram of the grounds or facilities where the production is to be held to include the following:
  - Location at which the pyrotechnic devices are to be fired
  - Fallout radius for each pyrotechnic device used
  - The lines behind which the audience shall be restrained
  - Point of on-site assembly of pyrotechnic devices
  - If outdoor also include:
    - Dimensions of discharge area
    - Spectator viewing and parking areas
    - Separation distances
- Provide information on the manner and place of storage of the pyrotechnic materials and device(s).
- A copy of the Material safety data sheet (MSDS) for the pyrotechnic material(s) to be used.
- Provide certification of flame retardant scenery, and rigging materials if any are to be used.
- Provide certification of flame retardant materials to be worn by performers if any are to be used.

## Plan Requirements for the use of Flame Effects Attachment “B”



**ENVIRONMENTAL  
HEALTH & SAFETY**  
TEXAS A&M UNIVERSITY

- Qualifications and experience of the Flame Effects operator
- Name, age and responsibilities of any and all assistants.
- Copy of any applicable local, state, and federal permits or licenses held by the operator or assistant(s).
- Design criteria of the flame effect(s).
- Classification of the flame effect(s).
- A site plan to include the following:
  - Narrative description of the flame effect
  - Location of flame effect devices to be fired, their controls and control sequence
  - Area affected by the flame effect device
  - Location of the audience
  - Fuels used and their estimated consumption
  - Air for combustion and ventilation for indoor effects
  - Flammable materials piping
  - Storage and holding areas and their capacity
  - Supplemental fire protection features
  - Emergency Response procedures
  - Means of egress
- Provide a copy of the Material safety data sheet (MSDS) for the pyrotechnic material(s) to be used
- Provide certification of flame retardant scenery, and rigging materials if any are to be used
- Provide certification of flame retardant materials to be worn by performers if any are to be used

## Plan Requirements for the use of Entertainment Lasers Attachment “C”



- Qualifications and experience of the laser operator
- Name, age and responsibilities of any and all assistants.
- Copy of any applicable local, state, and federal permits, or licenses held by the operator or assistant(s).
- Description of show.
- Class, power, and wavelength(s) of the laser(s).
- Name of laser(s) manufacturer.
- Length of time the laser will be in operation.
- Diagram of the grounds to include the following:
  - Equipment layout for the show.
  - Location of audience.
- Use of Class 3b or 4 lasers ( in Texas) should have a valid certificate of registration with the State of Texas (Texas Administrative Code 289.301)
  - Copy of any applicable local, state, and federal permits, or licenses held by the operator or assistant(s).
- In regards to laser light shows
  - Each applicant must apply for and receive certificate of laser registration for a laser light show before beginning the show.
  - Each applicant should apply for and have a valid variance issued from the FDA (FDA 21CFR1040.11 (c))
- If class IIIb or IV laser, provide FDA variance and accession number along with date of variance approval.
- Any person/component who plans to conduct laser operations in navigable air space should file notice with the FAA. Notice should be filed at least 30 days prior to the planned event.
- A written notice of the laser light show to be performed in Texas should be filed with Texas Department of Health, at least seven days prior to each show.