

**Application for the Use of
Pyrotechnics, Flame Effects, and
Laser Light Shows**



**ENVIRONMENTAL
HEALTH & SAFETY**
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Event Name: _____

Sponsor Information:

Name: _____ Department: _____

Phone #: _____ Email: _____

Building #: _____ Building Name: _____

Location: _____

Production Type: Pyrotechnics Flame Effects
 Indoor Laser Light Show
 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: _____

**Attachment “A”
Plan Requirements for the Use of
Pyrotechnics**



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- 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 safety data sheet (SDS) 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

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



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- 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)
- Evidence of insurance carrier or financial responsibility
- 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 safety data sheet (SDS) 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

Attachment “C” Plan Requirements for Laser Light Shows



- 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 IIIb or Class IV 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 Class 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 State Health Services, at least seven days prior to each show