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## PERMIT FOR PYROTECHNIC SPECIAL EFFECTS BEFORE A PROXIMATE AUDIENCE

A PYROTECHNIC SPECIAL EFFECTS PLAN shall be submitted to the University of Nebraska-Lincoln (UNL) Building and Fire Safety at least 7 calendar days prior to the planned production. This Plan **shall** be approved by the UNL Building and Fire Safety office or the pyrotechnic special effect will not be permitted. Upon approval of the Plan, the permittee shall keep the plan available at the site for safety inspectors or other designated agent of the UNL Building and Fire Safety. Any change in the submitted plan shall be reviewed and approved by the UNL Building and Fire Safety at least 24 hours prior to the performance.

The Plan shall set forth the following; any item not properly provided will cause the Plan to be disapproved and no pyrotechnic special effect will be allowed.

- \_\_\_\_\_ 1. Name of the person, group, or organization sponsoring the effect.
- \_\_\_\_\_ 2. The date and time of the production.
- \_\_\_\_\_ 3. The exact location of the production:
- \_\_\_\_\_ 4. The name of the person actually in charge of creating the pyrotechnic special effect (the pyrotechnic operator). (The pyrotechnic operator shall be at least 21 years of age)
- \_\_\_\_\_ 5. Number, names, and ages of all assistants who are to be present. (All assistants shall be at least 18 years of age)
- \_\_\_\_\_ 6. The qualifications of the pyrotechnic operator. (Attach qualifications)
- \_\_\_\_\_ 7. The experience of the pyrotechnic operator in using pyrotechnic special effects. (Attach qualifications)
- \_\_\_\_\_ 8. Confirmation of any applicable state and federal licenses of the operator or assistant(s): (Attach any license)
- \_\_\_\_\_ 9. Evidence of the permittee's insurance carrier or financial responsibility: (Attach insurance information)
- \_\_\_\_\_ 10. Number and types of pyrotechnic devices and materials to be used, the operator's experience with those devices and effects, and a definition of the general responsibilities of assistants.
- \_\_\_\_\_ 11. A diagram of the grounds or facilities at which the production will be held. This diagram shall show the point at which the pyrotechnic devices are to be fired, the fallout radius for each pyrotechnic device used in the performance, the proximity of any scenery, equipment or other items that will be in the area of the production and the lines behind which the audience shall be restrained. The diagram shall show dimensions for the above requirements. (Attach diagram)
- \_\_\_\_\_ 12. The point of on-site assembly of pyrotechnic devices. (Note this location on the diagram)
- \_\_\_\_\_ 13. The manner and place of storage of the pyrotechnic materials and devices.
- \_\_\_\_\_ 14. A material safety data sheet (MSDS) along with a general description for the effect(s) to be used.
- \_\_\_\_\_ 15. Certification that the set, scenery, and rigging materials are treated with appropriate flame retardant. (Attach certifications)
- \_\_\_\_\_ 16. Certification that all materials worn by performers in the fallout area during use of pyrotechnic

effects shall be inherently flame-retardant or have been treated to achieve flame-retardancy.

A walk-through and a representative demonstration of the pyrotechnics shall be approved by the UNL Building and Fire Safety before the permit will be approved. The permittee shall contact the UNL Building and Fire Safety to arrange the demonstration.

**Pyrotechnic Product Information.** (To be provided with the plan)

The pyrotechnic operator shall use products provided with written information supplied by the manufacturer detailing the following: (a) The name of the pyrotechnic device and a description of its effect; (b) The performance characteristics (duration, height, and diameter of the effect) for the pyrotechnic device where used as specified, or, in the case of binary materials, where used in the specified amounts for the designated materials and equipment; (c) A material safety data sheet (MSDS) for the pyrotechnic materials; (d) The manufacturer's statement regarding whether the pyrotechnic is intended for indoor use and whether it is to be used with any cautions or special considerations; (e) Instructions for the proper method(s) of placing, loading, and using the pyrotechnic device, including any cautions or special considerations; (f) The name, address, and phone number of the manufacturer.

**Identification of Pyrotechnic Devices or Binary Systems.**

All pyrotechnic products or binary systems used shall have been identified or marked by the manufacturer with the following: (a) The name of the pyrotechnic device or binary system; (b) The name, address, and phone number of the manufacturer; (c) A statement describing the conditions of use and potential hazards; (d) The manufacturer's statement regarding whether the pyrotechnic is intended for indoor use. (e) If the preload is too small to bear this label, this information shall be printed on the instruction sheet or on the shipping container for the preload.

**All requirements of National Fire Protection Association Pamphlet 1126 – “Use of Pyrotechnics before a Proximate Audience” shall be met.**

**APPLICANTS**

**SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**COMMENTS FOR APPROVAL:**

**PERMIT APPROVED**

**PERMIT DISAPPROVED**

\_\_\_\_\_  
**Date** \_\_\_\_\_

**Facility Representative**

\_\_\_\_\_  
**Date** \_\_\_\_\_

**Building/Fire Safety AHJ**