



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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Permit Submittal Guideline

FIRE PERFORMER

This guide is to assist in the permitting process for a temporary permit to conduct a fire act/performance before a proximate audience regulated by section 308.3.2 of the IFC and NFPA 160. An annual operational permit is required for on-going performances per section 105.5.68 of the IFC.

Please Note: Pyrotechnics, permanent or temporary propane flame effects, candles, food warming open flame devices, fireplaces, fire pits, restaurant cooking, and consumer fireworks are covered by another permit type.

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *International Fire Code, 2024 edition (IFC)*
- *Clark County Fire Code Amendments, 2024 edition (CCFC)*
- *Standard for the use of Flame Effects before an Audience, NFPA 160 2021 Edition*

SUBMITTAL REQUIREMENT CHECKLIST:

The requirements listed in this guide are not intended to be all inclusive, nor do they entail a limit to the extent of the information, etc., which may be necessary to properly evaluate the submitted plans and documents. Provide all applicable information that pertains to your permit:

1. LICENSING AND QUALIFICATIONS:

- A copy of a valid Nevada State Fire Marshals Fire Performer License for each performer.

2. INSURANCE:

- Provide a copy of a valid bond or Certificate of Insurance for the specified event.
- "Clark County, its agents, employees and volunteers" shall be named as additional insured and certificate holder.
- General liability limits, including contractual liability, in the minimum amount of \$2,000,000 per each occurrence shall be provided.
- Greater liability insurance amounts may be required in certain cases as required by the Fire Code Official.
- Reference CCFC 105.1.7.1
- **Please note: Each performer shall have a license and be named as insured or additional insured. Unlicensed performers are not allowed to work as apprentices.**

3. PRODUCTION SCHEDULE: Provide a detailed description to include the following;

- Property name, address, and location within the property, i.e. showroom for the performance.
- Contact information, qualifications, ages, and experience for flame performer(s) and assistants
- Safety protocol/emergency response procedures for event

- Fire Performance schedule; include the date(s) and timing of the following;
 - The date and time of the demonstration (rehearsal) inspection.
 - The date(s) and time(s) of each performance.

4. **PRODUCT INFORMATION:**

- Names of the manufacturers of the fire props.
- Detailed description of the performance and staging including the separation distances between the audience, ceiling, overhead trusses etc. to
- A list and photo of effects and fire props, i.e. batons, torches, fans, swords etc.
- Material Safety Data Sheet (MSDS) for each fuel used.

5. **PLANS:** Provide a detailed plan for the event, designed to an indicated scale and saved to a .PDF file. Plans shall include the following information;

- Detailed site plan of performance area/stage showing a minimum of 15ft clearance from audience
- Locations for safety barricades/or the means of restraint for audience members must be shown on the plans for compliance.
- Dipping station and snip-off locations
- Type/location of Fire extinguisher.
- Fire extinguisher locations. Additional fire extinguishers shall be provided in addition to those required by NFPA 10;
 - They shall be located as close to the discharge site as practical for operations and shall be compatible to the pyrotechnic product being used. They shall be placed so that at least (1) extinguisher is located on each opposing side of the pyrotechnic display.
 - (2) pressurized water extinguishers, each with a minimum rating of 2-A
 - (2) extinguishers, each with a minimum rating of 10-B:C, or (2) extinguishers appropriate to fuel source.
- Location of safety spotter
- Storage and holding areas for the fuels.

FIRE INSPECTION CHECK LIST: To be verified during a rehearsal (demo) and/or during a performance.

- **PROPS:**
 - Fire props will be observed to operate as intended without hazards such as splashing of fuel.
 - Wicks shall be fire-resistant absorbent material securely fastened.
 - Handles shall be made of fire-resistant materials that extend at least 4-inches and permanently attached.
 - Chain grips shall be made of non-combustible construction
 - Connectors in the props shall be constructed to prevent separation.
 - Clothing shall be suitable for the flame exposure of the performance.
- **FUEL:**
 - Fueling shall take place outside or in an approved area.
 - Extra fuel shall be stored in an approved container per NFPA 1/NFPA 30.
 - The fueling and spin-off area shall be at least 25 feet away from the audience and combustibles with a clear path to performance area.

- The fueling and spin-off area shall be a separate location cleared of combustible materials.
- Fuel containers and dip buckets shall be sealed when not in use.
- **SAFETY PROCEDURES:**
 - Each performance/rehearsal with fire shall have at least (1) spotter.
 - Spotters shall be trained in flame extinguishing, reaction time, equipment control, and audience control.
 - Spotters shall carry a safety towel at all times and have unobstructed access to the fire extinguisher
 - Each routine shall be rehearsed in costume with fire prior to the initial performance.

PERMIT DURATION:

Fire Performer Permits are temporary permits and are limited to a duration of 180 days. If any changes are made, revisions will need to be submitted.