



Committee shall keep the plan available at the site for safety inspectors or other designated agent of the University of
Building and Fire Safety. Any change in the submitted plan shall be reviewed and approved by the University of
Building and Fire Safety at least 24 hours prior to the performance.

Plan shall set forth the following; any item not properly provided will cause the Plan to be disapproved and no flame
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 effect (Flame Effect Operator. All flame
operators shall be at least 21 years of age. The flame effect operator shall be responsible for storage, setup,
operations, and teardown of all flame effect materials, devices, equipment, systems, and supervision of assistants.)
5. The flame effect classification.
 - a. Group I Flame Effect. An attended, manually controlled flame effect.
 - b. Group II Flame Effect. An individual or group flame effect designed for unattended operation that is
temporarily or permanently installed outside any structure.
 - c. Group III Flame Effect. An attended, temporarily installed flame effect for a specific production with limited
operation and fixed time for removal.
 - d. Group IV Flame Effect. A large individual or group flame effect that is permanently installed inside or
outside any structure designed for unattended operation without a main show supervisory control system.
 - e. Group V Flame Effect. A large individual or group flame effect that is temporarily or permanently installed
inside or outside any structure and is designed for intermittent or continuous operation under the supervision
of a main show control system but without supervision by a technician.
 - f. Group VI Flame Effect. A large individual or group flame effect that is temporarily or permanently installed
inside or outside any structure and is designed for intermittent operation under the supervision of a main
show control system and a technical director, with cast members in close proximity to the effect at the time of
operation.
 - g. Group VII Flame Effect. An individual flame effect that can be temporarily or permanently installed inside or
outside any structure that, due to its unique operating requirements, does not fit into any other classification.
6. A site plan showing the following:
 - a. A narrative description of the flame effect
 - b. The location of the flame effect devices to be fired and their controls and control sequence.
 - c. The area affected by the flame effect device
 - d. The location of the audience.
 - e. The fuels used and their estimated consumption
 - f. Air for combustion and ventilation for indoor effects
 - g. Flammable materials piping
 - h. Storage and holding areas and their capacities.
 - i. Supplemental fire protection features

