

**SINGAPORE CIVIL DEFENCE FORCE
CENTRAL ENFORCEMENT DEPARTMENT**



HQ SINGAPORE CIVIL DEFENCE FORCE
91 Ubi Ave 4 Singapore 408827 Fax : 6848 1488
Website : <http://www.scdf.gov.sg>

FIRE SAFETY CONDITIONS
FIRE-BASED SHOWS / ACTIVITIES

Notes:

1. An application to SCDF for approval is not required for fire-based shows that are held indoor on the stage of purpose-built facilities such as concert halls, theatres, etc and for fire-based activities that are held in exhibition halls, etc where torches are connected to gas cylinders / canisters. These shows / activities have to comply with the conditions issued by the venue operator which in turn are based on fire safety conditions issued by SCDF. However, the venue operator may still require the event organiser to consult SCDF on the safety requirements if the need arises.
2. For performances / activities where fires or “open-flames” are used in areas / premises other than that mentioned above SCDF’ clearance/ approval is required.
3. Religious or cultural functions or ceremonies and the use of candles, oil lamps, etc for ambience/ decorative / aesthetic purposes are exempted from the need to obtain SCDF’s clearance / approval.
4. These fire safety conditions are generally applicable to the fire-based shows / activities for which SCDF gives a clearance / approval.

Conditions

Indoor fire-based acts / activities:

1. The performance or demonstration should preferably be held on a non-combustible surface and the amount of combustible materials used should be limited. The amount of flammable liquids / gases to be used should be properly controlled.
2. The fire or flames must be small in size and the heat generated minimal. It should not affect the surrounding areas. It should not activate the building’s sprinklers or heat / smoke detectors.
3. For fire-based entertainment shows such as fire-eating acts, fire-torch juggling, etc a minimum 5m safety distance must be maintained from the audience. A physical cordon should preferably be in place.
4. Combustible materials within the safety radius must be kept to a minimum.
5. For fire-based demonstration, such as cooking, where portable torch or stove is used as part of the demonstration set-ups, only one torch or stove is allowed to be used at any one time. Only 1 spare gas cartridge (220 g) is allowed to be kept at the demonstration area. See photo shown below.
6. A minimum 2.5 kg ABC dry chemical powder type fire extinguishers (PSB approved type) must be provided for the performance / demonstration.

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Outdoor fire-based act / activities:

1. The performance or demonstration should preferably be held in an open area on a non-combustible surface without any temporary covering structures. Stages or platforms that are used for this purpose should preferably be made on non-combustible material.
2. If the performance / demonstration is held under a covered temporary structure, the fire or flames must be small in size and the heat generated minimal. It should not affect the temporary constructed structure.
3. The amount of combustible materials used for the act / activity should be limited. The amount of flammable liquids / gases to be used should be properly controlled.
4. For fire-based entertainment shows such as fire-eating acts, fire-torch juggling, etc a minimum 5m safety distance must be maintained from the audience. For acts involving larger scale fires, a bigger safety distance is required. A physical cordon should preferably be in place. Larger scale fire shows are not allowed within covered structures.
5. Campfires / bonfires must be held in the open areas. National Environment Agency (NEA) should also be consulted because of the generation of smoke over a long period of time.
6. Lamps or similar making use of fire to provide lighting for events should be properly controlled and monitored by duty personnel.
7. Combustible materials within the safety radius must be kept to a minimum.
8. For fire-based demonstration, such as cooking, where portable torch or stove is used as part of the demonstration set-ups, only one torch or stove is allowed to be used at any one time. Only 1 spare gas cartridge (220 g) is allowed to be kept at the demonstration area. See photo shown below.
9. If there is more than 1 demonstration area, then the demonstration areas must be separated by a minimum distance of 15m.
10. Sufficient numbers of 2.5 kg ABC dry chemical powder type fire extinguishers (PSB approved type) must be provided for the performance / demonstration.

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Example of Fire Performances and Shows

01	A group of performers in dark clothing are performing with flaming hoops, creating circular patterns of fire against a dark background.	Fire Twirlers
02	Two performers, a man and a woman, are performing with flaming torches. The man is holding a torch in his hand, and the woman is holding a torch in her hand. They are both wearing dark clothing.	Fire Torches

Example of Portable Gas Torch and Cooking Stove

01	A blue and black portable gas torch with a black handle and a brass nozzle.	Portable Gas Torch
02	A red and black portable cooking stove with a single burner and a gas cartridge attached to the side.	Cooking Stove
03	A silver gas cartridge with a red label that says 'Butane' and 'GoSystem'.	Gas Cartridge (220g)