



## **FIRE SERVICES DEPARTMENT**

**PPA/109**

### **Fire Safety Requirements for Places of Public Entertainment Licence**

#### **A. Restrictions on Location**

The premises shall not be located : -

- (a) at any buildings/structures which are of substandard construction;
- (b) at level 4 of basement or below;
- (c) in areas designated for emergency use such as buffer or refuge floor;
- (d) in any industrial building;
- (e) in industrial portion of an industrial/office building.

#### **B. Standard Requirements**

1. All fire service installations and equipment (FSI) provided for the premises shall be retained and maintained in efficient working order. For all maintenance, alteration and addition, such works shall be carried out by a Registered FSI Contractor who shall issue Certificate(s) of Fire Service Installations and Equipment (FS 251) to the owner with copies forwarded to the Director of Fire Services within 14 days after completion of the works. A certificate of compliance (FSI/314A, FSI/314B or FSI/314C as appropriate) shall also be submitted by the responsible Registered FSI Contractor to the Director of Fire Services for the alteration and addition works.
2. A sprinkler system in accordance with the Code of Practice for Minimum Fire Service Installations and Equipment shall be provided if the premises : -
  - (a) are located in a curtain-walled building or a basement floor and occupy an area exceeding 126 square metres; or
  - (b) are located in other types of building and occupy an area exceeding 230 square metres.

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3. Portable fire fighting equipment of the approved type, over and above those installed for the occupation of the building, shall be provided as follows:
  - 3.1 \_\_\_\_\_x 9 L water type fire extinguisher(s) at \_\_\_\_\_;
  - 3.2 \_\_\_\_\_x 4.5 kg CO<sub>2</sub> type fire extinguisher(s) at \_\_\_\_\_; and
  - 3.3 \_\_\_\_\_x 1.44 m<sup>2</sup> fire blanket at \_\_\_\_\_.
4. A manual fire alarm system with visual alarm signals in accordance with the Code of Practice for Minimum Fire Service Installations and Equipment with fire alarm call point at each of the following locations shall be provided :-
  - (a) near each exit,
  - (b) the main entrance,
  - (c) the cashier's counter, and
  - (d) the reception area.
5. The windows of the premises shall not in any way be obstructed by any decoration or sealed up for more than 50% of the designed openable/breakable window areas totally, nor 25% of these areas located on upper part, unless FSIs on the following scales shall be provided :
  - 5.1 A dynamic smoke extraction system in accordance with the Code of Practice for Minimum Fire Service Installations and Equipment;

For premises occupying an area exceeding 126 square metres : -

  - 5.2 A fire hydrant/hose reel system in accordance with the Code of Practice for Minimum Fire Service Installations and Equipment;
  - 5.3 A fire detection system in accordance with the Code of Practice for Minimum Fire Service Installations and Equipment.
6. All exits shall be suitably indicated by illuminated signs bearing the words and characters "EXIT 出口" in block letters and characters of not less than 125mm high with 15mm strokes. The colour of the letters/characters and contrasting colour on the background shall comply with the Code of Practice for Minimum Fire Service Installations and Equipment.
7. If the exit signs are out of sight to any location within the premises, suitable directional signs in same dimensions as the exit signs shall be provided to assist the occupant to identify the exits in the event of an emergency.

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8. Emergency lighting for the entire premises in accordance with the attached requirements -
  - 8.1 For Cinemas & Theatres :
    - (a) Battery Secondary Lighting Systems (PPA/104) for the entire licensing area; and
    - (b) Self-contained Luminaires Emergency Lighting Systems (PPA/104(A)) for the licensing area other than auditorium and exit routes.
  - 8.2 For premises other than Cinemas & Theatres :
    - (a) Battery Secondary Lighting Systems (PPA/104); or
    - (b) Self-contained Luminaires Emergency Lighting Systems (PPA/104(A))
9. A ventilation/air-conditioning control system shall be provided to the premises if applicable and the attached Requirements for Ventilation/Air-conditioning Control Systems for Licensed Premises shall be complied with.
10. All panic exit devices fitted on the exit doors shall be of the types accepted by the Director of Fire Services. The words “PUSH BAR TO OPEN 推門開門” in 100mm English and Chinese characters should be painted on the inside face of the door immediately above the bar.
11. All combustible materials used for false ceilings, partitions or wall furnishings shall conform to British Standard 476 : Part 7 Class 1 or 2 Rate of Surface Spread of Flame or to another standard acceptable to the Director of Fire Services, or shall be brought up to any of those standards by treating with a fire retardant paint or solution acceptable to Director of Fire Services. In the latter case, the work shall be carried out by a Class 2 Registered Fire Service Installation Contractor and a certificate (FS251) to this effect from the Contractor shall be forwarded to this Department as documentary proof of compliance.
12. All draperies and curtains, if installed, shall comply with the following requirements:
  - 12.1 They shall be made of fire resistant material and conform to British Standard BS 5867: Part 2 (Type B performance requirements) when tested in accordance with BS EN ISO 15025:2002 or to any other standard acceptable to the Director of Fire Services, or shall be brought up to any of those standards by treating with a fire retardant solution acceptable to Director of Fire Services. In the latter case, the work shall be carried out by a Class 2 Registered Fire Service Installation Contractor and a certificate (FS251) to this effect from the Contractor shall be forwarded to this Department as documentary proof of compliance.
  - 12.2 When hanging across exit routes, they shall be parted in the centre and raised so as to clear the floor by not less than 75 mm.

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13. PU Foam

- 13.1 All polyurethane (PU) foam filled mattresses and covering material used for fabrication of mattresses shall conform to British Standard 7177 (for use in medium hazard premises/building); or "Standard for the Flammability (Open Flame) of Mattress Sets" - (Part 1633 of Title 16 of Code of Federal Regulations) as issued by the Consumer Product Safety Commission (CPSC) in the US; or to other standard acceptable to the Director of Fire Services.
- 13.2 All PU foam filled upholstered furniture and covering fabric used for fabrication of the furniture shall conform to British Standard 7176 (for use in medium hazard premises/building); or Flammability Test Procedure for Seating Furniture for Use in Public Occupancies (Technical Bulletin Number 133) as issued by the Bureau of Home Furnishings and Thermal Insulation, Department of Consumer Affairs, State of California; or to other standard acceptable to the Director of Fire Services.
- 13.3 Each PU foam filled mattresses and upholstered furniture conforming to British Standard 7177 (for use in medium hazard premises/building) and British Standard 7176 (for use in medium hazards premises/building) respectively shall bear an appropriate label (Appendix).
- 13.4 Invoices from manufacturers/suppliers and test certificates from testing laboratories indicating that the PU foam filled mattresses and/or furniture items have complied with the specified standards shall be produced for verification. Test certificate shall be issued by a testing laboratory accredited to conduct test according to the specified standard, and be authenticated by the company's stamp of manufacturer/supplier.

14. No cooking activities shall be conducted on the premises other than in a kitchen.

15. The electrical main switch gears shall be clearly indicated as to its purpose in English and Chinese characters. The door giving into any room, cabinet or locker containing the electrical main switch gear shall be provided with an indication label with both 25mm English and Chinese characters on the exterior.

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### 16. Mechanical Ventilating System

#### For Cinemas and Theatres

The mechanical ventilating system installed at the premises shall comply with the Ventilation of Scheduled Premises Regulation, Cap. 132CE, Laws of Hong Kong and the fire safety requirement for mechanical ventilating systems as stipulated in the Fire Services Department Circular Letter No.4/96 Part XI.

#### For Premises other than Cinemas and Theatres

The mechanical ventilating system installed at the premises shall comply with the Building (Ventilating Systems) Regulations, Cap. 123J, Laws of Hong Kong and the fire safety requirements for mechanical ventilating systems as stipulated in the Fire Services Department Circular Letter No.4/96 Part XI.

#### **For Cinemas and Theatres (Item 17)**

17. The stage of theatre premises shall be provided with safety curtain in accordance with the attached requirements i.e. Specifications for Fire Safety Curtain – PPA/109(A)

#### **For Premises used for Dance Party (Items 18 to 26)**

18. A fire hydrant/hose reel system in accordance with the Code of Practice for Minimum Fire Service Installations and Equipment shall be provided if the premises exceeds 230 square metres in area on any floor, or its aggregate area of different floors exceeds 230 square metres without fire separation.
19. Unless a sprinkler system has already been provided, an automatic fire detection system shall be installed if the premises occupy an area exceeding 126 square metres but less than 230 square metres.
20. A means of quickly increasing the level of lighting in case of emergency shall be provided at a location easily accessible to the staff.
21. Unless exits are already provided with exit signs in accordance with extant legislation, all exits leading to means of escape of the building shall be indicated by Exit Signs which conform to the latest edition of the Code of Practice for Minimum Fire Service Installations and Equipment.

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22. An emergency alert system which can stop the music or other sound and visual images/effects produced by the music and video systems and at the same time produce visible and audible warning signals in case of a fire alarm shall be provided.
23. Low level directional signs capable of indicating the route to an exit shall be provided at 200mm above floor level.
24. All electric wiring shall be arranged in such a way that it should not impede any passageway.
25. An emergency evacuation plan shall be prepared and all staff should be conversant with such plan so that they can assist patrons in evacuation in case of emergency.
26. No naked flame is allowed on the premises.
27. Additional Requirements (if any) : -

**Remarks :**

Should the applicants have insurmountable difficulties in complying with the prescribed requirements, they can submit alternative proposals for FSD's consideration. For example, applicants can adopt the Fire Engineering approach, or submit a study report to explain how they will tackle problems of fire suppression, smoke control, evacuation and access of fire services personnel etc.

**C. Fire Safety Precautions**

**1. Fire Service Installations and Equipment**

All fire service installations and equipment provided shall be :

- 1.1 Kept clear from any obstruction;
- 1.2 Clearly indicated as regard to their locations and methods of operation;
- 1.3 Maintained in efficient working order at all times; and
- 1.4 Inspected at least once every twelve months.

Works related to para. 1.4 above shall be carried out by a Registered FSI Contractor who shall issue Certificate(s) of Fire Service Installations and Equipment (FS251) to the owner with copies forwarded to the Director of Fire Services within 14 days after completion of the works. Failure to observe the FS precautions in para 1.3 & 1.4 may result in the owner of the installations being prosecuted under Regulation 8 of the Fire Services (Installations and Equipment) Regulations, Chapter 95B, Laws of Hong Kong.

**2. Means of Escape**

All means of escape shall be kept free from obstruction. In particular : -

- 2.1 No article or thing shall be left in the means of escape at any time (if in a domestic building) / at all times when persons are present in the building (if in a commercial building); and
- 2.2 All exits/doors shall be kept openable from the inside without the use of a key and all metal gates and shutters, where installed, shall be kept in the open position at all times when members of the public are present in the premises.

Failure to observe these precautions may result in the operator being prosecuted under Sections 14 and 15 of the Fire Services (Fire Hazard Abatement) Regulation, Chapter 95F, Laws of Hong Kong without prior warning.

- 2.3 All smoke stop doors provided in the premises shall be kept in closed position at all times.

**3. Dangerous Goods**

- 3.1 No storage or use of any dangerous goods in excess of the respective general exempt quantity (GEQ) within the meaning of the Dangerous Goods (Application and Exemption) Regulation 2012, Chapter 295E, Laws of Hong Kong is permitted without a licence granted by the Director of Fire Services.

Sample of Label (標籤樣本)

APPENDIX 附件

Sample I (樣本 I)

Stitch Line
Manufactured by: Company Name (Address)
Date of Manufacture: MM/YYYY
Model: <Model ID>
Prototype ID: <Prototype ID>
This mattress meets the requirement of 16 CFR Part 1633 (federal flammability (open flame) standard for mattress sets) When used with foundation <ID>
THIS MATTRESS IS INTENDED TO BE USED WITH FOUNDATION(S)  <FOUNDATION ID>

Sample II (樣本 II)

Stitch Line
Manufactured by: Company Name (Address)
Date of Manufacture: MM/YYYY
Model: <Model ID>
Prototype ID: <Prototype ID>
FOUNDATION: <ID>

The minimum size of the label shall be 2 X 3 inches and the minimum size of the type shall be one-eighth inch in height. All type shall be in capital letters.

Sample III (樣本 III)



Sample IV (樣本 IV)

