



FIRE SERVICES DEPARTMENT

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Fire Safety Requirements for Karaoke Establishment in Restaurant

A. Restrictions on Location

The premises shall not be located : -

- (a) at level 4 of basement or below;
- (b) in a building or any part of a building that is designed and constructed for industrial use; or
- (c) in any part of a building that is designed and constructed for commercial use if industrial use is permitted in any other part of the building and the part for commercial use is not completely separated from the part for industrial use by a buffer or non-fire-hazardous occupancy to the satisfaction of the Director of Fire Services.

B. Standard Requirements

1. Fire Service Installations and Equipment

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.

Fire service installations of the following description shall be provided in accordance with the following provisions and with the Code of Practice for Minimum Fire Service Installations and Equipment as published from time to time by the Director of Fire Services:-

- (a) a fire hydrant and hose reel system;

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- (b) 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:-
 - (i) near each exit leading away from the premises;
 - (ii) the main entrance;
 - (iii) the cashier's counter;
 - (iv) the reception area (if any); and
 - (v) the waiting area(if any).
 - (c) alarm bells of the fire alarm system in individual rooms intended to be used by customers;
 - (d) where the premises are located in a curtain-walled building or on a basement floor and occupy an area exceeding 126 square metres, a sprinkler system that uses fast-response type sprinkler heads;
 - (e) where the premises are located in a place other than those described in paragraph (d) and:-
 - (i) occupy an area exceeding 126 square metres but not exceeding 230 square metres, either a fire detection system or a sprinkler system; or
 - (ii) occupy an area exceeding 230 square metres, a sprinkler system that uses fast-response type sprinkler heads;
 - (f) where the premises are located in a curtain-walled building or on a basement floor with a cubic volume exceeding 7000 cubic metres, a smoke extraction system.
2. 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.
3. All draperies and curtains, if installed, 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

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4. All carpets within the protected means of escape shall:-
 - (a) be made of pure wool;
 - (b) conform to British Standard 5287 when tested in accordance with British Standard 4790; or
 - (c) be manufactured to a standard acceptable to the Director of Fire Services.

Carpets that do not meet any of the above requirements shall also be accepted as complying with fire safety requirements if their pile height does not exceed 10mm and they do not cover more than 5% of the protected means of escape calculated on a floor-by-floor basis.

5. PU Foam
 - (a) 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.
 - (b) 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.
 - (c) 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).
 - (d) Invoices from manufactures/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.

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6. 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 a dedicated smoke extraction system that conforms to the standard set out in Code of Practice for Minimum Fire Service Installations and Equipment as published from time to time by the Director of Fire Services shall be provided.
7. All exits shall be suitably indicated by illuminated signs bearing the word 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.
8. 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.
9. Low level directional signs capable of indicating the route to an exit in darkness shall be provided at 200mm above floor level.
10. An exit route plan drawn to a ratio of not less than 1:200 showing the floor layout of the premises and the directions of egress to escape staircases and means of escape shall be displayed in each room intended to be used by customers. The size of the exit plan shall not be less than 250mm x 250mm and shall be affixed adjacent to the exit of each room at 1500mm above floor level.
11. Emergency lighting shall be provided to the premises and the attached requirements for Self-contained Luminaries Emergency Lighting System (PPA/104(A)) shall be complied with.
12. A short fire safety film shall be provided for showing to customers before they start the karaoke activity. The film content shall at least include the following:
 - (a) Actions to be taken in case of fire;
 - (b) Introduction of exit route of the Karaoke Establishment premises;
 - (c) Introduction of the Fire Alarm System provided inside the Karaoke Establishment premises; and
 - (d) Introduction of special arrangement on means of escape through the access panel/emergency exit door that has been provided for every entertainment room situated in a dead-end corridor.

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13. An emergency alert system which can stop the music or other sound and visual images/effects produced by the karaoke equipment and at the same time produce visible and audible warning signals in case of a fire alarm shall be provided.

14. Ventilating Systems
 - (a) All ventilating systems shall comply with the requirements set out in the Ventilation of Scheduled Premises Regulation (Cap 132 sub. leg. CE); or in any other case, comply with the requirements set out in the Building (Ventilating Systems) Regulations (Cap 123 sub. leg. J).
 - (b) 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.

15. 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.

Important Notes

All the above requirements shall only be referred for the operation of Karaoke Establishment in Restaurant. For avoidance of doubt, compliance with these requirements SHALL NOT exempt any premises from any fire safety direction imposed under the provisions of the Fire Safety (Buildings) Ordinance or the Fire Safety (Commercial Premises) Ordinance for upgrading of fire service installations or equipment in any composite or commercial building which was constructed on or before 1 March 1987. Applicants for Karaoke Establishment in Restaurant in these composite or commercial buildings are strongly advised to negotiate with the respective building management for mutual arrangements before the actual commencement of works.

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.

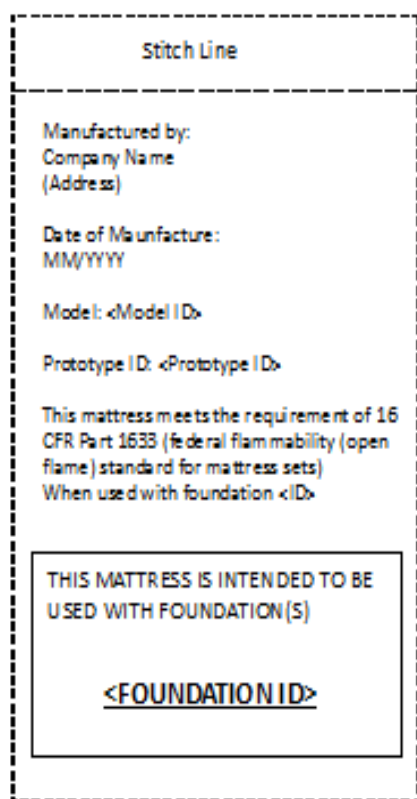
Failure to observe these precautions may result in the operator being prosecuted under Sections 14 and 15 of the Fire Services (Fire Hazard Abatement) Regulation, Chapter 95F, Laws of Hong Kong without prior warning.

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

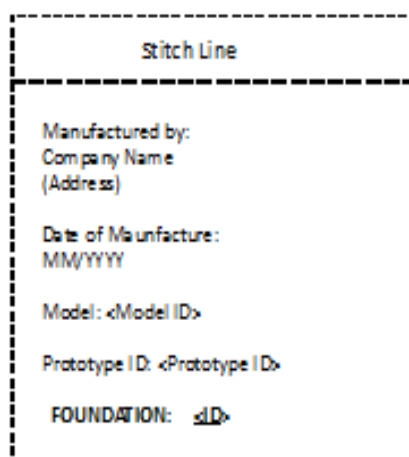
3. Dangerous Goods

- 3.1 No storage of any dangerous goods in excess of the exempt quantity within the meaning of the Dangerous Goods (General) Regulations, Chapter 295B, Laws of Hong Kong is permitted without a licence or approval granted by the Director of Fire Services.

Sample I (樣本 I)



Sample II (樣本 II)



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)

