

Fire Services Department
Licensing and Certification Command
Fire Protection Engineering Compliance Division
(Ventilating Systems Group)

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 Certificate
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 Certificate
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1) Policy and Legislation

If the premises where a restaurant license is applied for is equipped with a <u>ventilating system</u>, the applicant must apply for a "Fire Safety (Ventilating System) Certificate".

What is a ventilating system?

- * All systems that use electricity or machinery to pump in or exhaust air
- * Air conditioning system that drives indoor temperature changes

1) Policy and Legislation

Six types of premises listed in the Schedules to the Public Health and Municipal Services Ordinance (Chapter 132):

- Restaurants (general restaurants and light refreshment restaurants)
- Dancing Establishment
- **♦** Theatre
- Cinema
- Funeral Parlour
- Factory canteen

1) Policy and Legislation

The "Fire Safety (Ventilating System) Certificate" is issued by the Ventilating Systems Group of the Fire Services Department to certify that the ventilating system installed in the premises where restaurants are located has been inspected by the Group and complies with the "Ventilation of Scheduled Premises Regulations" (Chapter 132CE) and the fire safety requirements of ventilating systems issued by the Fire Services Department.

- 2) Application Procedures for Fire Safety (Ventilating System) Certificate
- 2.1) Application for licence from Food and Environmental Hygiene Department will be processed together ("One-stop" service)
- 2.2) No need to apply directly to the Fire Services Department
- 2.3) Information on ventilating systems is recommended by the Licensing Authority

- 3) Application Workflow for Fire Safety (Ventilating System) Certificate
- 3.1) Joint site inspection
- 3.2) Application review panel meeting
- 3.3) Issue ventilating system of fire safety requirements:
 - (i) Fire Services Department Circular Letter No. 2/2023
 - (ii) Fire safety requirements for ventilating systems in scheduled premises (September 2023)

(All the above three items were attended by colleagues from the Licensing Office of the Fire Services Department and issued the fire safety requirements for the ventilating system)

- 3) Application Workflow for Fire Safety (Ventilating System) Certificate
- 3.4) After the completion of the works, the applicant shall directly apply to the Ventilating Systems Group using
 Form Vent/425 Report of Completion

Submit to :	Fire Services De Licensing & Cer Fire Protection	Completion on Ventilating System epartment rtification Command, Engineering Compliance Division, Ventilating Systems Group Flower, 5 Gloucester Road, Wan Chai, Hong Kong			
Name of Lice	ensee				
Licence Type	of Application				
Premises Ad	dress				
FSD File Reference No.		FP 33 /			
Request		Note: Please select where appropriate Initial inspection Follow-up inspection; and the previous inspection date is:			
Report of Completion		Note: Please select where appropriate Inspection Checklist issued by a Registered Specialist Contractor (Ventilation Works Category) Drawing Plan (Numbered:) Material Test Report or Certificate Annual Inspection Certificate			
11	ses and confirmed	mechanical ventilating system and / or electrical installation at the it in full compliance with FSD requirements. Authorised Signature or Company Chop:			
Name of Respo	nsible Person :				
Date of Checkin	g:				
□ I do not	appoint any person y authorise (name alf of this application	s section must be completed by licensee and select where appropriate) In and I will attend in person during inspection. (tel. no.)			
Contact Tel. No.		Date :			

3) Application Workflow for Fire Safety (Ventilating System) Certificate

3.4a) Submit electronically on Hong Kong Government Portal:

https://eform.cefs.gov.hk/form/fsd026/en/

3.4b) Download the form from the download area of the Fire Services Department website:

https://www.hkfsd.gov.hk/eng/forms/FSD026_eng_20230831_161258.pdf

3.4c) Request fax form via hotline 2718 7567

3) Application Workflow for Fire Safety (Ventilating System) Certificate

(Ensuring ventilating system layouts have been submitted to FEHD for referral)

(After receiving the plans and Vent/425 form, an inspection will usually be arranged within 10 working days)

3) Application Workflow for Fire Safety (Ventilating System) Certificate

3.5) Pass

After passing the inspection, Fire Safety (Ventilating System) Certificate will be issued within 7 working days with a copy to the relevant licensing section of the Food and Environmental Hygiene Department.

3) Application Workflow for Fire Safety (Ventilating System) Certificate

3.6) Not pass

If, upon inspection, fire safety requirements are not complied with, a Mechanical Ventilating System Inspection Advice (Vent/320a) will be provided immediately to the applicant or his representative. After completing the remedial works, the applicant must report the completion directly to the Fire Services Department using the Report of Completion on Ventilating System (Vent/425), and a further inspection will be carried out within 10 working days. If there is a third and subsequent inspection, it will be carried out within 21 working days.

Vent/320a (Rev. 09/2023)

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FIRE SERVICES DEPARTMENT LICENSING & CERTIFICATION COMMAND Fire Protection Engineering Compliance Division Ventilating Systems Group

35-T, Revenue Tower, 5 Gioucester Road, Wan Chai, Hong Kong

*28/200 Our Ref: FP 33/

Preminer 2 Ff

Mechanical Ventilating Systems Inspection Advice 機動式通風系統視察報告

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如数上建筑于殊正的项目有任何典徵。故处三位工作来为效应

4) Basic Ventilating System Information

4.1) Ventilating system plans

- > (Normally) Submitted by the 'Ventilation Works Category' contractor on behalf of the applicant
- > Appropriate scale (not less than 1: 100)
- The drawings must clearly show the existing and newly installed facilities, such as air-conditioners, fans, ventilating system ducts, air filters, fire dampers, etc.

4) Basic Ventilating System Information

- 4.2) Small restaurants that only install window type air conditioners/ split type air conditioners/ exhaust fans and hoods are usually required to submit ventilating system drawings.
- 4.3) If you apply to alteration of the ventilating system, you must submit a valid annual inspection certificate and ventilating system plans.

- 5.1) Air intake location of ventilating system
 - 1.1 Constitute fire hazard
 - 1.2 Accumulation of exhaust gases
 - 1.3 Intake dirty air
- 5.2) The air intake of the ventilating system must be equipped with a wire mesh
- 5.3) The air intake of the ventilating system must be equipped with air filter (commonly known as dust filter)

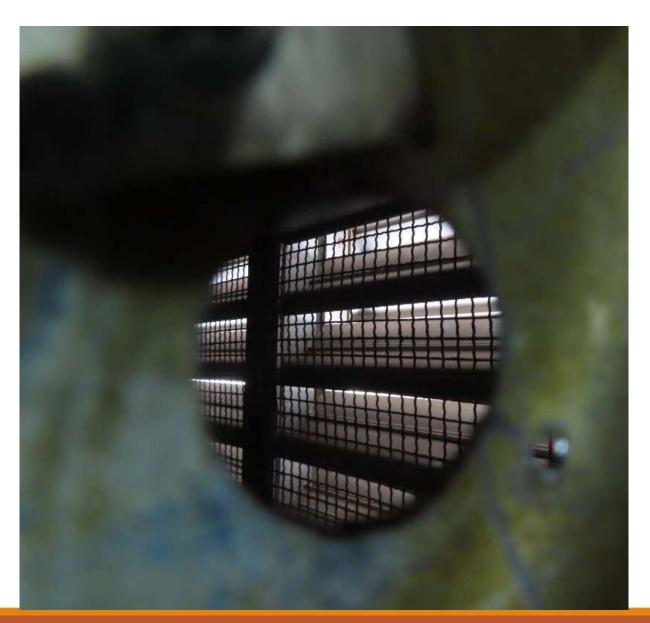
- 5.4) All ductwork must be made of non-combustible materials (G.I. sheet, galvanized iron sheet or steel sheet)
- 5.5) The fire compartment wall or ceiling through which the ductworks passes, the ductwork must be equipped with fire dampers.
- 5.6) The air filter must be made of non-combustible materials (For example: use metal steel wire, etc.)

- 5.7) The electrostatic filter or precipitator must be type approved by the Fire Services Department
- 5.8) Insulation materials must comply with the requirements of the Fire Services Department, including:
 - 1.1 Newly installed ventilating systems
 - 1.2 Abandoned ventilating systems
- 5.9) Materials posing a fire hazard are installed in ventilating ducts (electrical wires, insulation materials)

- 5.10) i) Fire compartment wall lacks fire damper (Kitchen, protected lobby and within the area of premises, etc.)
 - ii) Fire damper fails to operate properly
 - iii) Filling around the fire damper has not been completed
 - iv) Inadequate access for inspection of fire damper
- 5.11) Ventilating system ducts, if flexible air ducts are used, must not be longer than 4 meters and must not pass through fire compartment walls

- 5.12) The air outlet of the ventilating system supply air into the false ceiling or towards the protected escape route
- 5.13) No person in charge is present to assist the ventilation team in inspecting
- 5.14) Submission of drawings inconsistent with installation on site (As fitted drawing)

5.2) The air intake of ventilating system must be equipped with a mesh



5.3) The air intake of the ventilating system must be equipped with an air filter



5.5) Ductwork passing through compartment wall must be equipped with a fire damper



5.5) Ductwork passing through fire rated ceiling must be equipped with a fire damper



5.6) The air filter must be made of non-combustible materials

(For example: use metal steel wire, etc.)







5) Common Irregularities of Ventilating System for Food Premises

Information on common irregularities for food premises is available at Fire Services Department website:

www.hkfsd.gov.hk

- > Fire Protection
- Licensing and Certification
- Information related to mechanical ventilating system
- > Brief list of common irregularities during compliance inspection in Ventilating System

6) Notes for Application for Provisional Licence

- 6.1) Registered Specialist Contractor (Ventilation Works Category) signs Form D. After receiving the referral letter from the Food and Environmental Hygiene Department, an officer will carry out the inspection within 10 working days (no need to submit a completion report).
- 6.2) Form D must be accompanied by complete ventilating system drawings. The drawings must include:
 - a) All new and existing ventilating system installations in restaurants,
 - b) Installation connected to a communal system,





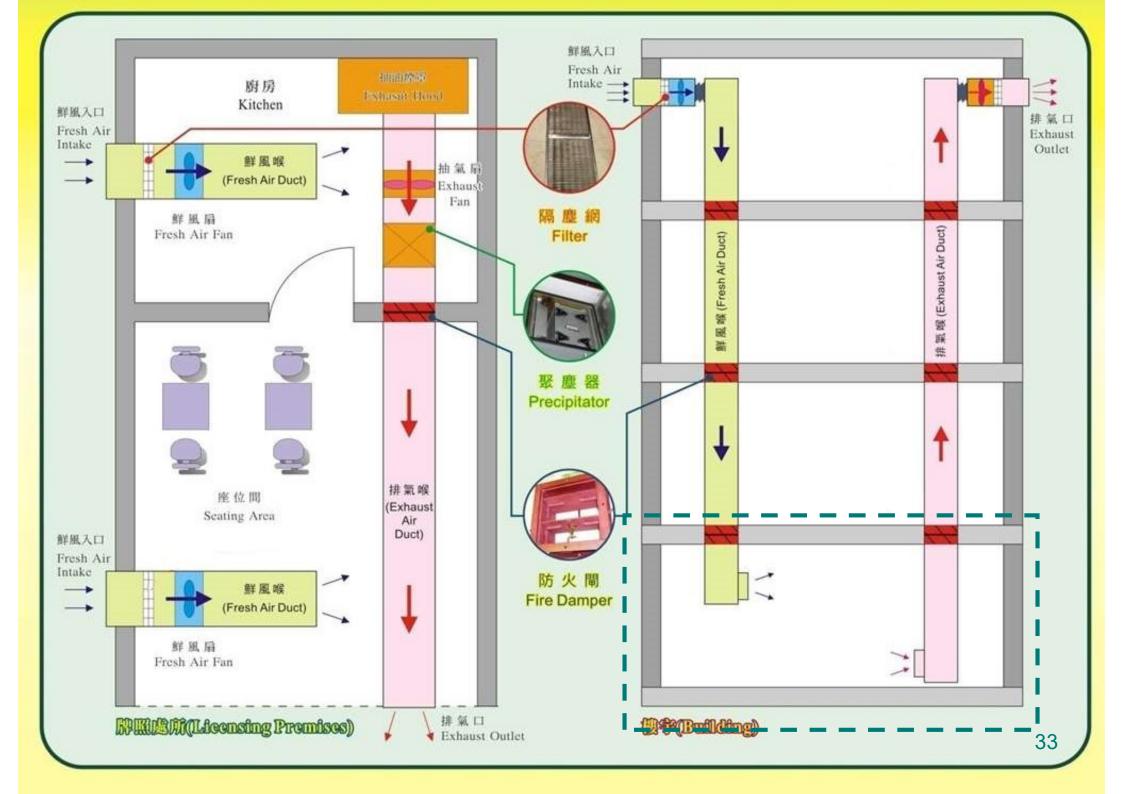
CERTIFICATE OF COMPLIANCE D (VENTILATION REQUIREMENTS)

I,	Į,	(),
holder of specialist	(Surname) (Other names) f Hong Kong Identity Card number contractor (ventilation works category) under Solution to the service of the	
I	in respect of the premises known as	
		(Shopsign in English)
(), situated at	
	(Shopsign in Chinese)	(Address of premises) and
b	peing under application for a Provisional	1200
b	by (_),
a I I I I I I I I I I I I I I I I I I I	(Name of applicant in English) all ventilation requirements listed as Category D required addressed to the abovenamed applicant dated (dd/mm) (have personally inspected the subject premises	(Name of applicant in Chinese) Differents in the Letter of Requirements have been fully complied with. (All yyyyy) In a sand verified the compliance of the system layout plan (drawing plan), 3 copies attached, and the said Letter of Requirements and that all matters covered by this yethe Licensing Authority and that if I information in this Certificate, I shall
_	Date (dd/mm/yyyy) Name in BI	LOCK letters and authorized signature
		registered specialist contractor
Registere	ed address :	ventilation works category)
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FEHB 93 (9/2013)

6) Notes for Application for Provisional Licence

- c) Installation trespass the licence boundary,
- d) Independently provide all routes of the ventilating system for the licence area, (Including information on fire partitions, fire compartments and fire dampers)
- e) Route from licence boundary to branch point for communal ventilating system,
- f) Nearest fire damper outside licence boundary for communal ventilating system.



6) Notes for Application for Provisional Licence

- 6.3) Matters that do not comply with ventilating system fire safety requirements and require cancellation of the provisional licence are as follows:
- a) Failure to comply with requirements on installing fire dampers (e.g. the fire damper is missing, the fire damper fail to operate)
- b) Failure to access the licensed area for inspection (e.g. the door is locked)
- c) Failure to comply with the requirements on the use of noncombustible materials

7) Owner's Responsibility for Ventilating System

7.1) Fire dampers, air filters and electrostatic precipitators to be inspected by a Registered Specialist Contractor (Ventilation Works Category) at intervals not exceeding twelve months and an annual inspection certificate is issued. (This certificate must be presented when renewing the licence)

7) Owner's Responsibility for Ventilating System

7.2) Within 14 days the Registered Specialist Contractor (Ventilation Works Category) issuing the ventilating system Annual Inspection Certificate (Ventilation of Scheduled Premises Regulation), the certificate must be issued to the person who instructed him to conduct the inspection and another copy send to Fire Services Department.

- 7) Owner's Responsibility for Ventilating System
- 7.3) The list of Registered Specialist Contractors (Ventilation Works Category) is available at Buildings Department website: www.bd.gov.hk
 - > Registration list
 - ➤ List of Registered Specialist Contractor (Ventilation Works Category)

Fire Services Department

Licensing and Certification Command Fire Protection Engineering Compliance Division (Ventilating Systems Group)

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