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FIRE SERVICES DEPARTMENT
LICENSING AND CERTIFICATION COMMAND
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To whom it may concern,

Dear Sir/Madam,

**REMINDER: Portable Equipment¹ / Fire Service Installations and Equipment (FSIs)
and Fire Safety Products² requiring FSD's Approval/Acceptance**

This letter serves to remind you that Pursuant to Regulation 3 of the Fire Service (Installations and Equipment) Regulations, Cap.95B, Laws of Hong Kong, all Portable Equipment, e.g. portable fire extinguishers, fire blankets and fixed sprayer units, shall be approved by the Director of Fire Services before they are allowed to be supplied or sold in Hong Kong.

Apart from portable equipment, other FSIs, e.g. sprinkler system/components, fire alarm installation/components, as required by the Director of Fire Services for the protection of buildings, shall be of an accepted type and conform with relevant standard(s) and local requirements. Some Fire Safety Products which are crucial to fire safety are required to be of an accepted type. For further details, please see the 'Portable Equipment / Fire Service Installations and Equipment and Fire Safety Products Requiring FSD's Approval/Acceptance' enclosed at **Appendix I**.

Besides, a list of 'Common Fire Service Installations and Equipment and Fire Safety Products NOT Requiring FSD's Prior Acceptance' is also appended at **Appendix II** for reference.

Should you have any enquiries, please feel free to contact the Policy Division at 2733 7619.

Yours faithfully,


(CHEUNG Ka-ho)

for Director of Fire Services

Encl.

¹ Portable Equipment : means any fire service equipment which is manufactured, used or designed to be used as an independent unit for the purpose of extinguishing, attacking, preventing or limiting a fire.

² Fire Safety Products : means the equipment or installations other than FSIs which are crucial to fire safety, e.g. emergency exit devices.

Portable Equipment Requiring FSD's Approval

Portable Equipment		Type
1	Fire Blanket	
2	Fire Extinguisher	Portable Fire Extinguisher (a) Carbon Dioxide (b) Clean Agent (c) Dry Powder (d) Foam (e) Water (f) Wheeled Type Fire Extinguisher (g) Miscellaneous
3	Fixed Automatically Operated Approved Appliance (Wall / Ceiling Mounted Type)	Fixed Sprayer Unit

Remarks:

This list is by no means exhaustive. Suppliers and their agents shall have the responsibilities of checking with the Fire Protection Facilities Supervision Division of the Licensing and Certification Command to see whether the equipment requires approval before sale and supply in Hong Kong.

**FSIs (except portable equipment) and Fire Safety Products
Requiring FSD's Acceptance**

FSIs / Fire Safety Products		Component(s)
1	Automatic Actuating Device	(a) Emergency Exit Device (b) Electromagnetic Door Releasing Device to be used in conjunction with Fire Detection System
2	Automatic Fixed Installation other than Water	(a) Fixed Carbon Dioxide Installation (b) Fixed Clean Agent Installation (c) Fixed Dry Chemical Installation
3	Automatic Fixed Installation using Water	<ol style="list-style-type: none"> 1. Deluge System <ol style="list-style-type: none"> (a) Deluge Valve (b) Sprinkler Head (c) Alarm Valve 2. Drencher System <ol style="list-style-type: none"> (a) Drencher Nozzle (b) Drencher Valve 3. Water Spray System <ol style="list-style-type: none"> (a) Water Spray Nozzle (b) Deluge Valve 4. Sprinkler System <ol style="list-style-type: none"> (a) Sprinkler Head (b) Alarm Valve (c) Accelerator (d) Butterfly Valve (motorised) (e) Flow Switch (f) Piping and associated fittings (e.g. CPVC Piping / Fittings) (g) Vortex Inhibitor (h) Sprinkler water storage tank other than those made from concrete (i) Sprinkler control and indicator panel (j) Pressure switch (k) Pressure Reducing Valve 5. Water Mist System

FSIs / Fire Safety Products		Component(s)
4	Fire Alarm System	(a) Manual Call Point (b) Alarm Bell
5	Fire Detection System	(a) Fire Alarm Control Panel (b) Heat Detector (c) Smoke Detector (d) Beam Detector (e) Smoke Detector with Integration Device (f) Flame Detector (g) Intrinsically Safe / Explosion Proof Detector (h) Alarm/Sounder Integrated with Strobe Light to be used in conjunction with Fire Detection System
6	Fire Hydrant / Hose Reel System	(a) Hose Reel Unit (including Hose Reel Tubing, Nozzle and Drum) (b) Hydrant Inlet / Outlet Valve (c) FS Inlet / Fireboat Inlet (d) Pressure Reducing Valve
7	Fire Resisting Cable	Fire Resisting Cables for FSIs (except for optical fibre cables, which require an application for use in individual project)
8	Fire Retardant Solution	(a) For wall and ceiling linings in accordance with Class 1 or Class 2 of BS 476 : Part 7 or other acceptable standards (b) For Curtains and Drapes in accordance with BS 5867 : Part 2 or other acceptable standards
9	Fixed Foam System / Equipment	(a) Foam Monitor (b) Foam Proportioner/Maker (c) Bladder Tank (d) Ratio Flow Controller (e) Foam Nozzle (f) Foam Water Nozzle


FSIs / Fire Safety Products		Component(s)
10	Flammable Liquid Dispensing Device for Petrol Filling Station	
11	Flammable Liquid Storage Tank for Petrol Filling Station	
12	Gas Detection System	(a) Ammonia Gas (b) Carbon Monoxide Gas (c) Carbon Dioxide Gas (d) Chlorine Gas (e) Hydrogen Gas (f) Methane Gas (g) Special Gases used in Micro-electronics Industry
13	Smoke Control System	(a) Smoke Extraction Fans / Air release fans for staircase pressurization system (b) Fire & Smoke Dampers and Actuators used in Smoke Extraction System (c) Smoke Control Components (including Fire Rated Ductwork, Smoke Barriers) (d) Static Smoke Ventilator
14	Ventilating System	(a) Electrostatic filter or precipitator ⁽ⁱⁱ⁾ (b) Fusible link ⁽ⁱⁱ⁾



Remarks:




- (i) This list is by no means exhaustive. Suppliers and their agents and Registered Fire Service Installation Contractors shall have the responsibilities of checking with the designated offices of the Licensing and Certification Command to see whether the installation/fire safety product requires acceptance before installation/use.
- (ii) In accordance with the Building (Ventilating Systems) Regulations (Cap. 123J) and the Ventilation of Scheduled Premises Regulation (Cap. 132CE), for a duct which passes through any floor, wall or ceiling, it shall be fitted with a damper operated by fusible links of a type approved by the Director of Fire Services (D of FS). Every electrostatic filter or precipitator shall also be of a type approved by the D of FS.




Common Fire Service Installations and Equipment and Fire Safety Products
NOT Requiring FSD's Prior Acceptance

- Abbreviations:
1. FSD CoP - [Codes of Practice for Minimum Fire Service Installations and Equipment and Inspection, Testing and Maintenance of Installations and Equipment by Fire Services Department](#)
 2. FSD Circular Letter - [FSD Circular Letter by Fire Services Department](#)
 3. BDFS Code - [Code of Practice for Fire Safety in Buildings 2011 by Buildings Department](#)
 4. Wiring Code - [Code of Practice for the Electricity \(Wiring\) Regulations by Electrical and Mechanical Services Department](#)

	Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)	Requirements for compliance prior to installation/use and relevant information
1.	<p>Emergency Lighting</p> 	<ol style="list-style-type: none"> a) Conformity to requirements as stipulated in: <ol style="list-style-type: none"> (i) FSD CoP (latest version) (ii) PPA 104 - Requirements for Emergency Lighting Systems (with Central Power Supply) (iii) PPA 104(A) - Requirements for Self-contained Luminaires Emergency Lighting Systems (iv) BDFS Code (v) Wiring Code b) Submit the test certificate/report to respective units of FSD (such as 'Fire Protection Engineering Compliance Division (Fire Protection Facilities Group)', 'Licensing Division', etc.) during application for acceptance inspection/testing of fire service installations/equipment (such as in the course of application for general restaurant licence or application for Fire Services Certificate for new building)

	Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)	Requirements for compliance prior to installation/use and relevant information
2.	<p>Exit Sign (including Directional Sign)</p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> (i) FSDCOP (latest version) (ii) BDFS Code (iii) Wiring Code <p>b) Submit the test certificate/report to respective units of FSD (such as 'Fire Protection Engineering Compliance Division (Fire Protection Facilities Group)', 'Licensing Division', etc.) during application for acceptance inspection/testing of fire service installations/equipment (such as in the course of application for general restaurant licence or application for Fire Services Certificate for new building)</p> <p>*Remarks : The requirements of the Radiation Board of Hong Kong shall be observed for any installation of self luminous signs in any premises.</p>
3.	<p>Strobe Light NOT integrated with Alarm/Sounder and/or NOT in conjunction with Automatic Fire Alarm System</p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> (i) FSD CoP (latest version) (ii) FSD Circular Letter (iii) Wiring Code <p>b) Submit the test certificate/report to respective units of FSD (such as 'Fire Protection Engineering Compliance Division (Fire Protection Facilities Group)', 'Licensing Division', etc.) during application for acceptance inspection/testing of fire service installations/equipment (such as in the course of application for general restaurant licence or application for Fire Services Certificate for new building)</p>

	Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)	Requirements for compliance prior to installation/use and relevant information
4.	Module for Automatic Fire Alarm System Monitor 	a) Conformity to requirements as stipulated in: (i) FSD CoP (latest version) (ii) Wiring Code b) Submit the test certificate/report to respective units of FSD (such as 'Fire Protection Engineering Compliance Division (Fire Protection Facilities Group)', 'Licensing Division', etc.) during application for acceptance inspection/testing of fire service installations/equipment (such as in the course of application for general restaurant licence or application for Fire Services Certificate for new building)
5.	Smoke Stop Door 	a) Conformity to requirements as stipulated in BDFS Code
6.	Door Lock 	a) Conformity to requirements as stipulated in BDFS Code

	Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)	Requirements for compliance prior to installation/use and relevant information
7.	Door Releasing Device NOT to be used in conjunction with Automatic Fire Alarm System 	a) Conformity to requirements as stipulated in: <ul style="list-style-type: none"> (i) BDFS Code (ii) Wiring Code
8.	Fire/Smoke Seal for Smoke Stop Door 	a) Conformity to requirements as stipulated in BDFS Code
9.	Piping and associated fittings for Sprinkler system and Fire Hydrant/Hose reel system 	a) Conformity to requirements as stipulated in: <ul style="list-style-type: none"> (i) FSD CoP (latest version) (ii) FSD Circular Letter (iii) Handbook on Plumbing Installation for Buildings issued by Water Supplies Department

	Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)	Requirements for compliance prior to installation/use and relevant information
10.	Sand Buckets	a) Conformity to requirements as stipulated in FSD CoP (latest version)
11.	Equipment and installation being used in Dangerous Goods Store or Dangerous Goods Vehicles (e.g. Vapour Recovery Monitoring System, equipment used in Petrol Filling Station, etc.) other than Flammable Liquid Dispensing Device and Flammable Liquid Storage Tank	<p>a) Please submit relevant documents to Dangerous Goods Control Division and Dangerous Goods Enforcement Division of Fire Services Department during formal dangerous goods licensing application.</p> <p>b) For further enquiry of Dangerous Goods Store, please contact: Dangerous Goods Control Division Licensing and Certification Command 4/F, Fire Services Department Kwai Chung Office Building, 86 Hing Shing Road, Kwai Chung, New Territories, Hong Kong. Tel.: 2417 5757 Fax: 2413 0873</p> <p>c) For further enquiry of Dangerous Goods Vehicles, please contact: Dangerous Goods Enforcement Division Licensing and Certification Command 2/F, Tsim Sha Tsui Fire Station Complex, 333 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong. Tel.: 3850 8487 Fax: 3850 8450</p>

Remarks:

The Fire Services Department (FSD) receives applications in respect of the Fire Service Installations and Equipment (FSIs) and Fire Safety Products as mentioned in this list from time to time. Please note that application for prior acceptance in respect of these FSIs and products is not required. Registered Fire Service Installation Contractors and contractors for the installations of other equipment have the responsibilities to comply with the corresponding requirements as mentioned in the list. This list is by no means exhaustive. Further enquiries about application for approval of portable equipment or acceptance of FSI and Fire Safety Products can be made to the Fire Protection Facilities Supervision Division, the Fire Protection Engineering Compliance Division (Ventilation Systems Group) or Dangerous Goods Enforcement Division of the Licensing and Certification Command, FSD.