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LICENSING AND CERTIFICATION COMMAND
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30 December 2020

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/equipment, fire alarm installation/equipment, 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 Investigation and Research Section at 2733 7827.

Yours faithfully,

(WONG Ka-shun)

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 / Fire Service Installations and Equipment and Fire Safety Products
Requiring FSD's Approval/Acceptance**

| System | | Components | Designated Office |
|-----------------|---|---|----------------------------------|
| 1. | Automatic Actuating Device | <ul style="list-style-type: none"> i) Emergency Exit Device ii) Electromagnetic Door Releasing Device to be used in conjunction with Fire Detection System | Investigation & Research Section |
| 2. | Automatic Fixed Installation other than Water | <ul style="list-style-type: none"> i) Fixed Carbon Dioxide Installation ii) Fixed Clean Agent Installation iii) Fixed Dry Chemical Installation | |
| 3. | Automatic Fixed Installation using water | <ul style="list-style-type: none"> i) Deluge System <ul style="list-style-type: none"> a. Deluge Valve b. Sprinkler Head c. Alarm Valve ii) Drencher System <ul style="list-style-type: none"> a. Drencher Nozzle b. Drencher Valve iii) Water Spray System <ul style="list-style-type: none"> a. Water Spray Nozzle b. Deluge Valve iv) Sprinkler System <ul 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 v) Water Mist System | |
| 4. | Fire Alarm System | <ul style="list-style-type: none"> i) Manual Call Point ii) Alarm Bell | |
| 5. ^Δ | Fire Blanket | | |
| 6. | Fire Detection System | <ul style="list-style-type: none"> i) Fire Alarm Control Panel ii) Heat Detector iii) Smoke Detector iv) Beam Detector v) Smoke Detector with Integration Device vi) Flame Detector vii) Intrinsically Safe / Explosion Proof Detector viii) Alarm/Sounder Integrated with Strobe Light to be used in conjunction with Fire Detection System | |


| | | | |
|------------------|---|---|----------------------------------|
| 7. ^Δ | Fire Extinguisher | <ul style="list-style-type: none"> i) Portable Fire Extinguisher <ul style="list-style-type: none"> a. Carbon Dioxide b. Clean Agent c. Dry Powder d. Foam e. Water f. Miscellaneous ii) Wheeled Type Fire Extinguisher | Investigation & Research Section |
| 8. | Fire Hydrant/Hose Reel System | <ul style="list-style-type: none"> i) Hose Reel Unit (including Hose Reel Tubing, Nozzle and Drum) ii) Hydrant Inlet / Outlet Valve iii) FS Inlet / Fireboat Inlet iv) Pressure Reducing Valve | |
| 9. | Fire Resisting Cable | Fire Resisting Cables for FSIs (except for optical fibre cables, which require an application for use in individual project) | Ventilation Division |
| 10. | Fire Retardant Solution | <ul style="list-style-type: none"> i) For wall and ceiling linings in accordance with Class 1 or Class 2 of BS 476 : Part 7 or other acceptable standards ii) For Curtains and Drapes in accordance with BS 5867 : Part 2 or other acceptable standards | Investigation & Research Section |
| 11. ^Δ | Fixed Automatically Operated Approved Appliance (Wall/Ceiling Mounted Type) | Fixed Sprayer Unit | |
| 12. | Fixed Foam System/Equipment | <ul style="list-style-type: none"> i) Foam Monitor ii) Foam Proportioner/Maker iii) Bladder Tank iv) Ratio Flow Controller v) Foam Nozzle vi) Foam Water Nozzle | |
| 13. | Flammable Liquid Dispensing Device for Petrol Filling Station | | |
| 14. | Flammable Liquid Storage Tank for Petrol Filling Station | | |
| 15. | Gas Detection System | <ul style="list-style-type: none"> i) Ammonia Gas ii) Carbon Monoxide Gas iii) Carbon Dioxide Gas iv) Chlorine Gas v) Hydrogen Gas vi) Methane Gas vii) Special Gases used in Micro-electronics Industry | |
| 16. | Smoke Control System | <ul style="list-style-type: none"> i) Smoke Extraction Fans / Air release fans for staircase pressurization system ii) Fire & Smoke Dampers and Actuators used in Smoke Extraction System iii) Smoke Control Components (including Fire Rated Ductwork, Smoke Barriers) iv) Static Smoke Ventilator | Ventilation Division |
| 17. | Ventilating System | <ul style="list-style-type: none"> i) Electrostatic filter or precipitator ii) Fusible link | |



This list is by no means exhaustive. Registered Fire Service Installation Contractors shall have the responsibilities of checking with the Ventilation Division or the Investigation and Research Section of the Licensing and Certification Command to see whether the equipment/installation requires prior approval/acceptance before installation/use.




^Δ **Portable Equipment requiring approval by the Director of Fire Services before it is sold or supplied in Hong Kong.**




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

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

| | <p align="center">Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)</p> | <p align="center">Requirements for compliance prior to installation/use and relevant information</p> |
|------------------|---|--|
| <p>1.</p> | <p align="center">Emergency Lighting</p>  | <ol style="list-style-type: none"> a) Conformity to requirements as stipulated in: <ol style="list-style-type: none"> (i) FSDCOP (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 sections of FSD (such as 'Fire Service Installations Division', respective 'Regional Office', 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) c) Present the test certificate/report to Inspecting Officer during FSD Inspection. d) For further enquiry, please contact: <p align="center">Policy Division Licensing and Certification Command 5/F, Fire Services Headquarters Building, 1 Hong Chong Road, Tsim Sha Tsui East, Kowloon, Hong Kong</p> <p align="center">Telephone: 2733 7660 Fax: 2367 3631</p> |

| | <p align="center">Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)</p> | <p align="center">Requirements for compliance prior to installation/use and relevant information</p> |
|-----------|--|---|
| <p>2.</p> | <p align="center">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 sections of FSD (such as ‘Fire Service Installations Division’, respective ‘Regional Office’, 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>c) Present the test certificate/report to Inspecting Officer during FSD Inspection.</p> <p>*Remarks : The requirements of the Radiation Board shall be observed for any installation of self luminous signs in any premises.</p> |
| <p>3.</p> | <p align="center">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) FSDCOP (latest version) (ii) FSD Circular Letter No. 2/2012 (iii) Wiring Code <p>b) Submit the test certificate/report to respective sections of FSD (such as ‘Fire Service Installations Division’, respective ‘Regional Office’, 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>c) Present the test certificate/report to Inspecting Officer during FSD Inspection.</p> |

| | <p align="center">Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)</p> | <p align="center">Requirements for compliance prior to installation/use and relevant information</p> |
|------------------|---|---|
| <p>4.</p> | <p align="center">Module for Automatic Fire Alarm System Monitor</p>  | <p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> (i) FSDCOP (latest version) (ii) Wiring Code <p>b) Submit the test certificate/report to respective sections of FSD (such as ‘Fire Service Installations Division’, respective ‘Regional Office’, 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>c) Present the test certificate/report to Inspecting Officer during FSD Inspection.</p> |
| <p>5.</p> | <p align="center">Smoke Stop Door</p>  | <p>a) Conformity to requirements as stipulated in BDFS Code</p> <p>b) Observe Section 15 of Fire Services (Fire Hazard Abatement) Regulation (Chapter 95F)</p> |
| <p>6.</p> | <p align="center">Door Lock</p>  | <p>a) Conformity to requirements as stipulated in BDFS Code</p> <p>b) Observe Section 15 of Fire Services (Fire Hazard Abatement) Regulation (Chapter 95F)</p> |

| | <p align="center">Fire Service Installations and Equipment / Fire Safety Products (Application for prior acceptance is not required)</p> | <p align="center">Requirements for compliance prior to installation/use and relevant information</p> |
|-----------|---|---|
| <p>7.</p> | <p>Door Releasing Device NOT to be used in conjunction with Automatic Fire Alarm System</p>  | <p>Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> (i) BDFS Code (ii) Wiring Code <p>a) Observe Section 15 of Fire Services (Fire Hazard Abatement) Regulation (Chapter 95F)</p> |
| <p>8.</p> | <p>Fire/Smoke Seal for Smoke Stop Door</p>  | <p>a) Conformity to requirements as stipulated in BDFS Code</p> |
| <p>9.</p> | <p>Piping and associated fittings for Sprinkler system and Fire Hydrant/Hose reel system</p>  | <p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> (i) FSDCOP (latest version) (ii) FSD Circular Letter No. 3/2006 (iii) FSD Circular Letter No. 3/2012 (iv) 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 FSDCOP (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 Liquid Dispensing Device and flammable Liquid Storage Tank | b) Please submit relevant documents to Dangerous Goods Division of Fire Services Department during formal dangerous goods licensing application. c) For further enquiry, please contact: Dangerous Goods Division 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 |
| 12. | Smoke mask | - |

Remarks:

The Fire Services Department (FSD) receives applications in respect of the fire service installations and equipment (FSI) 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 Investigation and Research Section or the Ventilation Division of the Licensing and Certification Command, FSD.