

消防處  
牌照及審批總區

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消防總部大廈



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

26 August 2014

Dear Sir/Madam,

**REMINDER: Fire Service Installations and Equipment and other products requiring FSD's Approval/Acceptance**

I write to remind you that unless a piece of fire service installations/equipment (hereinafter as "FSI")(excluding Portable Equipment) has been listed and published by one of the recognised Product Certification Bodies (PCBs) for public access, application for approval/acceptance of FSI and other products as listed under '*Fire Service Installations and Equipment and other products Requiring FSD's Approval/Acceptance*' is required. The said list is appended at **Appendix I** for your reference. You can also download it from the following FSD website:

[http://www.hkfsd.gov.hk/eng/source/licensing/product/fsi\\_list.pdf](http://www.hkfsd.gov.hk/eng/source/licensing/product/fsi_list.pdf)

Besides, a list of '*Common Fire Service Installations and Equipment and other products NOT requiring FSD's Prior Acceptance*' is appended at **Appendix II** for your reference. You can also download it from the following FSD website:

[http://www.hkfsd.gov.hk/eng/source/licensing/product/fsi\\_xlist.pdf](http://www.hkfsd.gov.hk/eng/source/licensing/product/fsi_xlist.pdf)

In this connection:-

**'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, such as fire extinguisher, fire blanket, fixed sprayer unit, etc.

**'Product Certification'** means the certification of a product which has been carried out in accordance with the conformity assessment 'functions and activities' as required by respective product certification scheme as mentioned in International Standard ISO/IEC 17067 — '*Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes*'. Generally speaking, the major 'functions and activities' include testing of the product before and after certification for conformity assessment, and surveillance inspection of periodic assessment of the product and production process. For more information on the product certification scheme, please consult the manufacturer or Product Certification Body.

**'Product Certification Body' (PCB)** means (i) overseas laboratory/organisation that provides product certification service with listing scheme/service and is accredited by overseas accreditation bodies; or (ii) local laboratory/organisation that provides product certification service with listing scheme/service and is accredited by the Hong Kong Accreditation Service through the Hong Kong Certification Body Accreditation Scheme.

Thank you for your attention. If you need further information pertinent to the matter, please feel free to contact the Investigation and Research Section at 2733 7827 or 2733 7557.

Yours faithfully,

**Signed**  
(YEUNG Lap-sun)  
for Director of Fire Services

**Fire Service Installations and Equipment and other products  
Requiring FSD's Approval/Acceptance**

<b>System</b>		<b>Components</b>
1.	Automatic Actuating Device	<ul style="list-style-type: none"> <li>i) Emergency Exit Device</li> <li>ii) Electromagnetic Door Releasing Device to be used in conjunction with Automatic Fire Alarm System</li> </ul>
2.	Automatic Fixed Installation other than Water	<ul style="list-style-type: none"> <li>i) Fixed Carbon Dioxide Installation</li> <li>ii) Fixed Clean Agent Installation</li> <li>iii) Fixed Dry Chemical Installation</li> </ul>
3.	Automatic Fire Alarm System	<ul style="list-style-type: none"> <li>i) Fire Alarm Control Panel</li> <li>ii) Heat Detector</li> <li>iii) Smoke Detector</li> <li>iv) Beam Detector</li> <li>v) Smoke Detector with Integration Device</li> <li>vi) Flame Detector</li> <li>vii) Intrinsically Safe/Explosion Proof Detector</li> <li>viii) Alarm/Sounder Integrated with Strobe Light to be used in conjunction with Automatic Fire Alarm System</li> </ul>
4.	Manual Fire Alarm System	<ul style="list-style-type: none"> <li>i) Manual Call Point</li> <li>ii) Alarm Bell</li> </ul>
5.	Automatic Fixed Installation using water	<ul style="list-style-type: none"> <li>i) Deluge System               <ul style="list-style-type: none"> <li>a. Deluge Valve</li> <li>b. Sprinkler Head</li> <li>c. Alarm Valve</li> </ul> </li> <li>ii) Drencher System</li> <li>iii) Water Spray System               <ul style="list-style-type: none"> <li>a. Water Spray Nozzle</li> <li>b. Deluge Valve</li> </ul> </li> <li>iv) Sprinkler System               <ul style="list-style-type: none"> <li>a. Sprinkler Head</li> <li>b. Alarm Valve</li> <li>c. Accelerator</li> <li>d. Butterfly Valve (motorised)</li> <li>e. Flow Switch</li> <li>f. Ratio Flow Controller</li> <li>g. Piping and associated fittings e.g. CPVC Piping/Fittings</li> <li>h. Vortex Inhibitor</li> </ul> </li> <li>v) Water Mist System</li> </ul>
6.	Fire Hydrant/Hose Reel System	<ul style="list-style-type: none"> <li>i) Hose Reel Unit (including Hose Reel Tubing, Nozzle and Drum)</li> <li>ii) Hydrant Inlet/Outlet Valve</li> <li>iii) Check Valve</li> <li>iv) Pressure Reducing Valve</li> <li>v) FS Inlet/Fireboat Inlet</li> </ul>


^7.	Fixed Automatically Operated Approved Appliance (Wall/Ceiling Mounted Type)	Fixed Sprayer Unit
8.	Fixed Foam System/Equipment	<ul style="list-style-type: none"> <li>i) Foam Monitor</li> <li>ii) Foam Proportioner/Maker</li> <li>iii) Foam Nozzle</li> <li>iv) Foam Water Nozzle</li> <li>v) Bladder Tank</li> </ul>
9.	Gas Detection System	<ul style="list-style-type: none"> <li>i) Ammonia Gas</li> <li>ii) Carbon Monoxide Gas</li> <li>iii) Carbon Dioxide Gas</li> <li>iv) Chlorine Gas</li> <li>v) Hydrogen Gas</li> <li>vi) Methane Gas</li> <li>vii) Special Gases used in Micro-electronics Industry</li> </ul>
^10.	Fire Blanket	
^11.	Fire Extinguisher	<ul style="list-style-type: none"> <li>i) Portable Fire Extinguisher <ul style="list-style-type: none"> <li>a. Carbon Dioxide</li> <li>b. Clean Agent</li> <li>c. Dry Powder</li> <li>d. Foam</li> <li>e. Water</li> <li>f. Miscellaneous</li> </ul> </li> <li>ii) Wheeled Type Fire Extinguisher</li> </ul>
12.	Fire Retardant Solution	<ul style="list-style-type: none"> <li>i) For wall and ceiling linings in accordance with Class 1 or Class 2 of BS 476 : Part 7 or other acceptable standards</li> <li>ii) For Curtains and Drapes in accordance with BS 5867 : Part 2 or other acceptable standards</li> </ul>
13.	Flammable Liquid Dispensing Device for Petrol Filling Station	
14.	Flammable Liquid Storage Tank for Petrol Filling Station	
15.	Smoke Extraction System	<ul style="list-style-type: none"> <li>i) Smoke Fans</li> <li>ii) Fire &amp; Smoke Dampers and Actuators used in Smoke Extraction System</li> <li>iii) Smoke Control Components (including Fire Rated Ductwork, Smoke Barriers, Smoke Vents/Discharge and actuators)</li> </ul>
16.	Not specified	Fire Resisting Cables for FSI
17.	Other	Sprinkler water storage tank other than those made from concrete



*This list is by no means exhaustive, and registered FSI contractors shall have the responsibilities of checking with the Fire Service Installations Division or the Investigation and Research Section of the Licensing and Certification Command to see whether the equipment/installation requires 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 other 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"><b>Fire Service Installations and Equipment / Other Products (Application for prior acceptance is not required)</b></p>	<p align="center"><b>Requirements for compliance prior to installation/use and relevant information</b></p>
<p><b>1.</b></p>	<p align="center"><b>Emergency Lighting</b></p> 	<ol style="list-style-type: none"> <li>a) Conformity to requirements as stipulated in:               <ol style="list-style-type: none"> <li>(i) FSDCOP (latest version)</li> <li>(ii) <a href="#">PPA 104 - Requirements for Emergency Lighting Systems (with Central Power Supply)</a></li> <li>(iii) <a href="#">PPA 104(A) - Requirements for Self-contained Luminaires Emergency Lighting Systems</a></li> <li>(iv) BDFS Code</li> <li>(v) Wiring Code</li> </ol> </li> <li>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)</li> <li>c) Present the test certificate/report to Inspecting Officer during FSD Inspection.</li> <li>d) For further enquiry, please contact:               <p align="center"><b>Policy Division Licensing and Certification Command 5/F, Fire Services Headquarters Building, 1 Hong Chong Road, Tsim Sha Tsui East, Kowloon, Hong Kong</b></p> <p align="center"><b>Telephone: 2733 7660 Fax: 2367 3631</b></p> </li> </ol>

	<b>Fire Service Installations and Equipment / Other Products</b> <b>(Application for prior acceptance is not required)</b>	<b>Requirements for compliance prior to installation/use and relevant information</b>
<b>2.</b>	<p style="text-align: center;"><b>Exit Sign</b> <b>(including Directional Sign)</b></p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) FSDCOP (latest version)</li> <li>(ii) BDFS Code</li> <li>(iii) Wiring Code</li> </ul> <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>
<b>3.</b>	<p style="text-align: center;"><b>Strobe Light NOT integrated with Alarm/Sounder and/or NOT in conjunction with Automatic Fire Alarm System</b></p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) FSDCOP (latest version)</li> <li>(ii) <a href="#">FSD Circular Letter No. 2/2012</a></li> <li>(iii) Wiring Code</li> </ul> <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"><b>Fire Service Installations and Equipment / Other Products</b> (Application for prior acceptance is not required)</p>	<p align="center"><b>Requirements for compliance prior to installation/use and relevant information</b></p>
<p><b>4.</b></p>	<p align="center"><b>Module for Automatic Fire Alarm System Monitor</b></p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) FSDCOP (latest version)</li> <li>(ii) Wiring Code</li> </ul> <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><b>5.</b></p>	<p align="center"><b>Smoke Stop Door</b></p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) BDFS Code</li> </ul> <p>b) Observe <a href="#">Section 15 of Fire Services (Fire Hazard Abatement) Regulation (Chapter 95F)</a></p>
<p><b>6.</b></p>	<p align="center"><b>Door Lock</b></p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) BDFS Code</li> </ul> <p>b) Observe <a href="#">Section 15 of Fire Services (Fire Hazard Abatement) Regulation (Chapter 95F)</a></p>

	<p align="center"><b>Fire Service Installations and Equipment / Other Products</b> (Application for prior acceptance is not required)</p>	<p align="center"><b>Requirements for compliance prior to installation/use and relevant information</b></p>
<p>7.</p>	<p><b>Door Releasing Device NOT to be used in conjunction with Automatic Fire Alarm System</b></p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) BDFS Code</li> <li>(ii) Wiring Code</li> </ul> <p>a) Observe <a href="#">Section 15 of Fire Services (Fire Hazard Abatement) Regulation (Chapter 95F)</a></p>
<p>8.</p>	<p><b>Fire/Smoke Seal for Smoke Stop Door</b></p> 	<p>b) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) BDFS Code</li> </ul>
<p>9.</p>	<p><b>Piping and associated fittings for Sprinkler system and Fire Hydrant/Hose reel system</b></p> 	<p>a) Conformity to requirements as stipulated in:</p> <ul style="list-style-type: none"> <li>(i) FSDCOP (latest version)</li> <li>(ii) <a href="#">FSD Circular Letter No. 3/2006</a></li> <li>(iii) <a href="#">FSD Circular Letter No. 3/2012</a></li> <li>(iv) <a href="#">Handbook on Plumbing Installation for Buildings issued by Water Supplies Department</a></li> </ul>

	<b>Fire Service Installations and Equipment / Other Products (Application for prior acceptance is not required)</b>	<b>Requirements for compliance prior to installation/use and relevant information</b>
<b>10.</b>	<b>Sand buckets</b>	a) Conformity to requirements as stipulated in: (i) FSDCOP (latest version)
<b>11.</b>	<b>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>	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:  <b>Dangerous Goods Division            4/F, Fire Services Department Kwai Chung Office Building,            86 Hing Shing Road,            Kwai Chung,            New Territories, Hong Kong.</b>  <b>Tel.: 2417 5757      Fax: 2413 0873</b>
<b>12.</b>	<b>Smoke mask</b>	-

Remarks:

The Fire Services Department (FSD) receives applications in respect of the fire service installations and equipment (FSI) and other 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/acceptance of FSI and other products can be made to the Fire Service Installations Division or the Investigation and Research Section of the Licensing and Certification Command, FSD.