



防火通告第十五號  
FIRE PROTECTION NOTICE NO. 15

消防裝置及設備的產品認可指引  
**GUIDANCE FOR PRODUCT APPROVAL OF  
FIRE SERVICE INSTALLATIONS AND EQUIPMENT**

## ***FIRE PROTECTION NOTICE NO. 15***

### ***Guidance for Product Approval of Fire Service Installations and Equipment***

#### **1. Introduction**

- 1.1 Pursuant to Regulation 3 of the Fire Service (Installations and Equipment) Regulations, Cap. 95B, Laws of Hong Kong, all portable equipment, i.e. portable fire extinguishers and fire blankets, shall be approved by the Director of Fire Services before they are allowed to be supplied or sold in Hong Kong.
- 1.2 Other fire service installations and equipment, e.g. sprinkler system/equipment, fire alarm installation/equipment which are required by the Director of Fire Services for the protection of buildings shall be of an accepted type. However, if a piece of equipment has been listed and published by some renowned and well-established Product Certification Bodies<sup>(see remark)</sup> for public access, it is deemed to be accepted by this Department subject to such equipment and its installation being in conformity with all relevant local requirements. For details, please refer to Fire Services Department Circular Letter No. 1/2007 at < <http://www.hkfsd.gov.hk/home/eng/circular.html> >.
- 1.3 A list of fire service installations and equipment requiring approval / acceptance is at Appendix I.

#### **2. Application Procedure**

- 2.1 All applications for approval / acceptance of fire service installations and equipment, other than the listed equipment as mentioned in paragraph 1.2 above, shall be submitted to the Investigation and Research Section of the Licensing and Certification Command for processing and evaluation.
- 2.2 Every application shall be accompanied by supporting documents indicating that the installation/equipment under application has been tested to an acceptable national/international test standard. Such documents include :-
  - 2.2.1 full test report with cover page, test records, and test conclusion *(an original test report/its copy certified true by respective laboratory and an additional photocopy of it)* ;
  - 2.2.2 technical details and drawings; and
  - 2.2.3 product catalogue, etc.
- 2.3 In order to facilitate evaluation on the product under application, test reports or product certificates submitted shall be in Chinese or English. Test reports shall be issued by a testing organisation currently recognised by the Fire Services Department.
- 2.4 Test report issued by a recognised testing organisation is only valid for 10

years from the date of issue. Upon its expiry, a new test report will be required. This department will not accept expired test report for application.

### **3. Processing of Application**

- 3.1 Applications are generally dealt with on a first come, first served basis.
- 3.2 All applications will be processed as soon as possible. Under normal circumstances, processing of applications for portable equipment (i.e. portable fire extinguishers and fire blankets) and other fire service installations will not exceed 15 and 45 working days respectively.
- 3.3 A letter of approval / acceptance will be issued to the applicant if all conditions for product approval are met or otherwise the applicant will be informed of any discrepancy noted in the submitted documents.

### **4. Recognition of Testing Organisation**

- 4.1 Only test report issued by a recognised testing laboratory shall be accepted by this Department. Recognition of the testing laboratories may be granted via the following ways: -
  - 4.1.1 seeking accreditation from the Hong Kong Accreditation Service (HKAS) under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) ; or
  - 4.1.2 seeking accreditation from one of the overseas laboratory accreditation bodies (see Appendix II) which has signed mutual recognition agreements with the HKAS.
- 4.2 However, before the acceptance of a testing laboratory by this Department, the Accreditation Certificate together with the Scope of Accreditation issued by one of the accreditation bodies should be submitted to this Department for verification.

### **5. Enquiry**

For further information and advice regarding the approval of fire service installations and equipment, please contact:-

Licensing and Certification Command  
(Investigation & Research Section)  
5/F, Fire Services Headquarters Building  
1, Hong Chong Road  
Tsim Sha Tsui East  
Kowloon  
Tel. No. : (852) 2733 7827 / 2733 7557  
Fax. No. : (852) 2367 3631  
E-mail : [lcpolice2@hkfsd.gov.hk](mailto:lcpolice2@hkfsd.gov.hk)

## **Remark**

Product Certification Bodies (PCBs) : mean (i) overseas laboratory/organization, such as Loss Prevention Certification Board (LPCB), Underwriters Laboratory Inc.(UL), FM Approvals (FM), VdS Schadenverhütung GmbH (VdS), TUV SUD PSB (PSB), etc., that provides product certification service with Listing Scheme/Service and is being accredited by overseas accreditation bodies; or (ii) local laboratory/organization that provides product certification service with Listing Scheme/Service and is being accredited by the Hong Kong Accreditation Service through the Hong Kong Certification Body Accreditation Scheme. For details of the listed products, you may refer to the following websites:-

- vi) LPCB < <http://www.brecertification.co.uk> >
- vii) UL < <http://www.ul.com> >
- viii) FM < <http://www.fmglobal.com> >
- ix) VdS < <http://www.vds.de> >
- x) TUV SUD PSB < <http://www.tuv-sud-psb.sg> >

**Fire Service Installations and Equipment Requiring FSD Approval**

<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</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                   <ul style="list-style-type: none"> <li>e.g. CPVC Piping/Fittings</li> </ul> </li> <li>h. Vortex Inhibitor</li> </ul> </li> <li>v) Water Mist System</li> </ul>

<b>System</b>		<b>Components</b>
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) Chlorine Gas</li> <li>ii) Hydrogen Gas</li> <li>iii) Ammonia Gas</li> <li>iv) Electronic Gases</li> <li>v) Methane Gas</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</li> <li>ii) For Curtains and Drapes in accordance with Type B requirements of BS 5867 : Part 2</li> </ul>
13.	Flammable Liquid Dispensing Device for Petrol Filling Station	
14.	Flammable Liquid Storage Tank for Petrol Filling Station	
15.	Other	Sprinkler water storage tank other than concrete

This list is by no means exhaustive, registered FSI contractors 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 or not the equipment/installation requires prior approval before use.

**Overseas Laboratory Accreditation Bodies**



[OAA](#)  
(Argentina)



[NATA](#)  
(Australia)



[BMWA](#)  
(Austria)



[INMETRO](#)  
(Brazil)



[SCC](#)  
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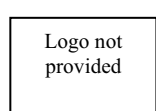
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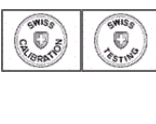
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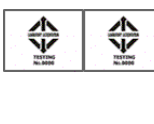
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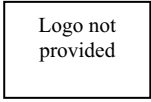
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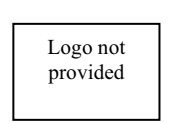
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(Up-to-date information on overseas laboratory accreditation bodies is provided on the internet in the HKAS's website at < <http://www.itc.gov.hk/en/quality/hkas/hoklas/agreement.htm> >)