

**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>

Δ 7.	Fixed Automatically Operated Approved Appliance (Wall/Ceiling Mounted Type)	Fixed Sprayer Unit
8.	Fixed Foam System/Equipment	i) Foam Monitor ii) Foam Proportioner/Maker iii) Foam Nozzle iv) Foam Water Nozzle v) Bladder Tank
9.	Gas Detection System	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
Δ 10.	Fire Blanket	
Δ 11.	Fire Extinguisher	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> ii) Wheeled Type Fire Extinguisher
12.	Fire Retardant Solution	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
13.	Flammable Liquid Dispensing Device for Petrol Filling Station	
14.	Flammable Liquid Storage Tank for Petrol Filling Station	
15.	Smoke Extraction System	i) Smoke Fans ii) Fire & Smoke Dampers and Actuators used in Smoke Extraction System iii) Smoke Control Components (including Fire Rated Ductwork, Smoke Barriers, Smoke Vents/Discharge and actuators)
16.	Not specified	Fire Resisting Cables used in fire service installations and equipment
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 prior approval before installation/use.*

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