

**Fire Service Installations – Equipment List**

(Revised in July 2020)

(To be appended to Form FSI/501a)

FP Ref. no. 43/19/20 .....

Address of Premises:.....

Item	System/ Equipment	Manufacturer/ model no./ part no. (a)	FSD Approval/ Acceptance Reference (If available) (b)	Listing Certificates/Records/Printouts/Documents issued by Product Certification Bodies / Product Certification System (c)	
				Name of Product Certification Body/ Product Certification System	Listing Certificates/Records/ Printouts/ Documents Number
<b>A</b>	<b><u>Automatic Actuating Device</u></b>				
A1	Emergency Exit Device				
A2	Electromagnetic Door Releasing Device to be used in conjunction with Fire Detection System				
<b>B</b>	<b><u>Automatic Fixed Installation other than Water</u></b>				
B1	Fixed Carbon Dioxide Installation				
B2	Fixed Clean Agent Installation				
B3	Fixed Dry chemical installation				
<b>C</b>	<b><u>Automatic Fixed Installation using water</u></b>				
C1	<b><i>Deluge system</i></b>				
C1.1	a) Deluge valve				
C1.2	b) Sprinkler head				
C1.3	c) Alarm valve				
C2	<b><i>Drencher System</i></b>				
C2.1	a) Drencher nozzle				
C2.2	b) Drencher valve				
C3	<b><i>Water Spray System</i></b>				
C3.1	a) Water Spray Nozzle				

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C3.2	b) Deluge Valve				
C4	<b><i>Sprinkler system</i></b>				
C4.1	a) Sprinkler head				
C4.2	b) Alarm valve				
C4.3	c) Accelerator				
C4.4	d) Butterfly valve (motorized)				
C4.5	e) Flow switch				
C4.6	f) Piping and associated fittings (e.g. CPVC piping/fittings)				
C4.7	g) Vortex inhibitor				
C4.8	h) Sprinkler water storage tank other than concrete				
C4.9	i) Sprinkler control and indicator panel				
C4.10	j) Pressure switch				
C4.11	k) Pressure Reducing Valve				
C5	<b><i>Water mist system</i></b>				
<b>D</b>	<b><u>Fire Alarm System</u></b>				
D1	Manual call point				
D2	Alarm bell				
<b>E</b>	<b><u>Fire Blanket</u></b>				
<b>F</b>	<b><u>Fire Detection System</u></b>				
F1	Fire alarm control panel				
F2	Heat detector				

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F3	Smoke detector				
F4	Beam detector				
F5	Smoke detector with integration device				
F6	Flame detector				
F7	Intrinsically safe/ explosion proof detector				
F8	Alarm/ sounder integrated with strobe light to be used in conjunction with automatic fire alarm system				
<b>G</b>	<b><u>Fire Extinguisher</u></b>				
G1	<b><i>Portable Fire Extinguisher</i></b>				
G1.1	a) Carbon Dioxide				
G1.2	b) Clean Agent				
G1.3	c) Dry Powder				
G1.4	d) Foam				
G1.5	e) Water				
G1.6	f) Miscellaneous				
G2	<b><i>Wheeled type fire extinguisher</i></b>				
<b>H</b>	<b><u>Fire Hydrant/ Hose Reel System</u></b>				
H1	Hose reel unit (including hose reel tubing, nozzle and drum)				
H2	Hydrant inlet/ outlet valve				
H3	FS inlet/ fireboat inlet				
H4	Pressure reducing valve				

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<b>I</b>	<b><u>Fire resisting Cable</u></b>				
I1	Audio / visual advisory system				
I2	Automatic actuating device				
I3	Automatic fixed installation other than water				
I4	Deluge system				
I5	Drencher system				
I6	Fire hydrant / hose reel system				
I7	Fixed foam system				
I8	Pressurization of staircase				
I9	Ring main system with fixed pumps(s)				
I10	Smoke extraction system				
I11	Street fire hydrant system				
I12	Water mist system				
I13	Water spray system				
I14	Fire Service water supply system				
I15	Emergency generator				
I16	Emergency lighting				
I17	Exit sign				
I18	Fire alarm system				
I19	Fire detection system				
I20	Fireman's lift				
I21	Sprinkler system				

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<b>J</b>	<b><u>Fixed Automatically Operated Approved Appliance (Wall/ Ceiling Mounted Type)</u></b>				
J1	Fixed Sprayer Unit				
<b>K</b>	<b><u>Fixed Foam System/ Equipment</u></b>				
K1	Foam Monitor				
K2	Foam proportioner/ maker				
K3	Bladder tank				
K4	Ratio flow controller				
K5	Foam nozzle				
K6	Foam water nozzle				
<b>L</b>	<b><u>Gas Detection System</u></b>				
L1	Ammonia gas				
L2	Carbon monoxide gas				
L3	Carbon dioxide gas				
L4	Chlorine gas				
L5	Hydrogen gas				
L6	Methane gas				
L7	Special Gases used in Micro-electronics Industry				
<b>M</b>	<b><u>Pressurization of Staircase</u></b>				
M1	Probe type smoke detector				
M2	Ceiling smoke detector				
M3	Air release fans				
M4	Fire & smoke dampers and actuators				
M5	Fire-rated ductwork				

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<b>N</b>	<b><u>Smoke Extraction System</u></b>				
N1	Probe type smoke detector				
N2	Ceiling smoke detector				
N3	Other type smoke detector				
N4	Smoke extraction fans				
N5	Fire & smoke dampers and actuators				
N6	Fire rated ductwork				
N7	Smoke curtains system				
N8	Smoke barriers				
N9	Smoke vents / discharge and actuators				
N10	Static Smoke Ventilator				
<b>O</b>	<b><u>Ventilation/Air Conditioning Control System</u></b>				
O1	Probe type smoke detector				
O2	Ceiling smoke detector				
<b>P</b>	<b><u>Others</u></b>				

Notes: 1. Column (a) must be filled in with details.

2. Sub-columns should be ticked as appropriate if certificates, records, printouts or documents from the recognized laboratories/organizations are available and appended to the Equipment List.

3. Certificates, records, printouts, or documents from the recognized laboratories/organizations should adopt the item numbers such as 'A1', 'B1', etc., corresponding to the same of the Equipment List.

4. Column (c) is for listed products, listing information can be checked via FSD Website: [http://www.hkfsd.gov.hk/eng/source/licensing/product/fsi\\_check\\_listing.pdf](http://www.hkfsd.gov.hk/eng/source/licensing/product/fsi_check_listing.pdf)

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