

Fire Sprinkler - Wet Pipe System

Last Issue Date: 27/11/2017		Type Of Service				
Activity		A	B	C	D	E
1	Check control valve assembly area.		Y	Y	Y	Y
2	Check signage for damage, legibility and appropriate location of the each of the following: 1) Sprinkler block plan; 2) Sprinkler stop valve inside plate; 3) Booster connection signage; 4) System pressure gauge schedule; 5) Sprinkler and hydrant valve list; and 6) Interface diagram.		Y	Y	Y	Y
3	Check that the booster connection is unobstructed for its use.		Y	Y	Y	Y
4	Check main stop valves and alarm cocks.		Y	Y	Y	Y
5	Check that each each isolating valve to each automatic pump start device is locked in the open position.		Y	Y	Y	Y
6	Check pressure switches.		Y	Y	Y	Y
7	Check the alarm signalling equipment.		Y	Y	Y	Y
8	Check the sprinkler system alarm interface with other systems is not isolated, inhibited or disabled.		Y	Y	Y	Y
9	Check water supply stop valves.		Y	Y	Y	Y
10	Check system pressure gauge readings before alarm test function.		Y	Y	Y	Y
11	Check alarms by opening each 15 mm valve.		Y	Y	Y	Y
12	Verify the correct operation of each alarm signal. For monitored systems ensure it has activated the alarm signalling equipment.		Y	Y	Y	Y
13	Check each strobe indicator (where fitted).		Y	Y	Y	Y
14	Check system pressure readings after alarm valve test.		Y	Y	Y	Y
15	Test each automatic pump starting device.		Y	Y	Y	Y
16	Test each manual pump starting device.		Y	Y	Y	Y
17	Check each flow switch.			Y	Y	Y
18	Operate all subsidiary stop valves and ensure they are fully open.			Y	Y	Y
19	Test valve monitoring device.			Y	Y	Y
20	Verify pressure gauge readings are within within the ranges indicated on the pressure gauge schedule.			Y	Y	Y
21	Undertake the main drain valve water supply test.			Y	Y	Y
22	Verify operation of all pressure reducing valves under flow conditions.				Y	Y
23	Test pressure relief valve.				Y	Y

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24	Undertake water supply test and verify flow and pressure requirements are met.				Y	Y
25	Operate the alarm valve by opening each remote test valve.				Y	Y
26	Test interface control.				Y	Y
27	Water motor alarm gong - Clean strainer and lubricate the external gong mechanism.				Y	Y
28	Water motor direct brigade alarm - clean strainer				Y	Y
29	Check alarm signalling equipment batteries.				Y	Y
30	Conduct a water supply test through a flow measuring device.				Y	Y
31	Kitchen hoods and ducts - inspect all sprinklers inside kitchen hoods and ducts and clean if necessary.				Y	Y
32	Check exposed water distribution system for corrosion, damage and adequate fixings.				Y	Y
33	Check condition of sprinklers that is likely to effect their function.				Y	Y
34	Check escutcheons, cover plates or guards.				Y	Y
35	Check for obstructions.				Y	Y
36	Check block plans, emergency instructions and pressure schedules compliant.				Y	Y
37	Overhaul alarm valve including fitting of new alarm valve seating or port seating.					Y
38	Overhaul test valve as necessary depending on type.					Y
39	Overhaul alarm cock.					Y
40	Overhaul retard chambers (where fitted).					Y
41	Stop valves - Overhaul or replace as necessary.					Y
42	Overhaul water supply non return valves.					Y
43	Water motor alarm gong - clean and service.					Y
44	Water motor direct brigade alarm (where fitted) - clean and service.					Y
45	Check all gauges include calibration.					Y
46	Overhaul all special valves.					Y
47	SPRINKLER TESTS: (a)Fast response sprinklers: Test a sample of at least 14 sprinklers at 25 years, then every 10 years; (b)Dry pendent sprinklers: Test representative sample at 10 years; and (c) All other sprinklers: Test a sample of at least 14 sprinklers at 25 years then every 10 years.	Y				
48	MULTIPLE JET CONTROLLER: At 30 years and every 10 years thereafter;	Y				

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	(a) For single unit installations check in situ and replace if necessary; and (b) For multiple installations, remove and test a sample. If it fails any of the tests remove other samples for testing.					
49	Record all results in the log book.	Y	Y	Y	Y	Y

Special Comments and Technical Data

B SERVICE MONTHLY
 C SERVICE 6 MONTHLY
 D SERVICE ANNUAL
 E SERVICE EVERY 5 YEARS
 A SERVICE 10, 25 & 30 YEARS AS DETAILED.
 FOR THE SERVICING OF THE JACKING PUMP REFER TO F43.
 SERVICE TO BE IN ACCORDANCE WITH AS1851.

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