

Fire Sprinklers - Dry Pipe System

Last Issue Date: 16/07/2015		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 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 system air pressure.		Y	Y	Y	Y
18	Check desiccant condition and replace if necessary.		Y	Y	Y	Y
19	Check oil level and visually assess condition of oil.		Y	Y	Y	Y
20	Check air compressor cut and out pressures.		Y	Y	Y	Y
21	Check low level arm.		Y	Y	Y	Y
22	Simulate operation of dry pipe alarm valve and operate local and fire brigade alarms.		Y	Y	Y	Y
23	Drain condensate from condensate trap.		Y	Y	Y	Y
24	Check each flow switch.			Y	Y	Y

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25	Operate all subsidiary stop valves and ensure they are fully open.			Y	Y	Y
26	Test valve monitoring device.			Y	Y	Y
27	Verify pressure gauge readings are within within the ranges indicated on the pressure gauge schedule.			Y	Y	Y
28	Undertake the main drain valve water supply test.			Y	Y	Y
29	Test alarm valve and auxiliaries, local and fire brigade alarms.			Y	Y	Y
30	Restore system air pressure and verify the alarm has reseated.			Y	Y	Y
31	Restore FIP/ASE to operational status.			Y	Y	Y
32	Check pressure gauge readings.			Y	Y	Y
33	Reset and secure all valve and alarm cocks.			Y	Y	Y
34	Verify operation of all pressure reducing valves under flow conditions.				Y	Y
35	Test pressure relief valve.				Y	Y
36	Undertake water supply test and verify flow and pressure requirements are met.				Y	Y
37	Operate the alarm valve by opening each remote test valve.				Y	Y
38	Test interface control.				Y	Y
39	Water motor alarm gong - Clean strainer and lubricate the external gong mechanism.				Y	Y
40	Water motor direct brigade alarm - clean strainer				Y	Y
41	Check alarm signalling equipment batteries.				Y	Y
42	Conduct a water supply test through a flow measuring device.				Y	Y
43	Kitchen hoods and ducts - inspect and clean.				Y	Y
44	Check exposed water distribution system for corrosion, damage and adequate fixings.				Y	Y
45	Check condition of sprinklers that is likely to effect their function.				Y	Y
46	Check escutcheons, cover plates or guards.				Y	Y
47	Check for obstructions.				Y	Y
48	Check block plans, emergency instructions and pressure schedules compliant.				Y	Y
49	Replace the desiccator.				Y	Y
50	Check that pipework is pitched to drain.				Y	Y
51	Overhaul alarm valve including fitting of new alarm valve seating or port seating.					Y
52	Overhaul test valve as necessary depending on type.					Y
53	Overhaul alarm cock.					Y
54	Overhaul jacking pump (where fitted).					Y

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55	Overhaul retard chambers (where fitted).					Y
56	Stop valves - Overhaul or replace as necessary.					Y
57	Overhaul water supply non return valves.					Y
58	Water motor alarm gong - clean and service.					Y
59	Water motor direct brigade alarm (where fitted) - clean and service.					Y
60	Check all gauges include calibration.					Y
61	Overhaul all special valves.					Y
62	Overhaul dry pipe valves.					Y
63	Accelerator / exhaust - Check & clean operating mechanism, fit new seals and faceplate.					Y
64	Record results in log book.		Y	Y	Y	Y

Special Comments and Technical Data

- B SERVICE MONTHLY
- C SERVICE 6 MONTHLY
- D SERVICE ANNUAL
- E SERVICE EVERY 5 YEARS

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