

Very Early Smoke Detection System

Last Issue Date: 07/10/2020		Type Of Service				
Activity		A	B	C	D	E
1	This service must be undertaken in conjunction with the relevant sections of the Technical Data Schedule F16: Detection and Alarm Systems.		Y	Y	Y	Y
2	Prior to commencing testing: a) Advise the occupier (site representative). b) Advise the Fire Control Station (firefighting service). c) Isolate all zones.		Y	Y	Y	Y
3	Initiate a simulated alarm on an alarm zone so as to transmit an alarm to the Fire Control Station and / or relevant fire panels and: a) Check for proper operation of the associated alarm indicators. b) Ascertain that the alarm was correctly received at the Fire Control Station and / or relevant fire panels.		Y	Y	Y	Y
4	Check for satisfactory operation of the fire alarm bell or warning device.		Y	Y	Y	Y
5	Check all batteries and power supplies for correct voltages and float currents.		Y	Y	Y	Y
6	Check lamps to ensure they are operational.		Y	Y	Y	Y
7	Conduct a System Performance Test, undertaking a: a) Detector fault test. b) Air flow fault test. c) Detector sensitivity test. d) Smoke test.		Y	Y	Y	Y
8	Check air sampling network pipe and connections: a) For obvious breaks. b) Joints for security.				Y	Y
9	Check suction pressures and compare with pressures taken during initial system commissioning.				Y	Y
10	Check pressure equalising end caps for firm seating.				Y	Y
11	Check for clogged or breached sampling network by injecting smoke into the end of each pipe.				Y	Y
12	Check air-flow thresholds on all detector heads.				Y	Y
13	Check the air filter element.				Y	Y
14	Check and recalibrate the detector head if necessary. Note: This is not to be done on site, see Special Comments.				Y	Y
15	Check and replace the air filter canister if necessary.					Y
16	Clean the sampling points.					Y
17	Flush the air sampling pipe network.			Y	Y	Y
18	Restore all zones to normal operation and inform the Fire Control Station.		Y	Y	Y	Y
19	Check that weekly log book and customer service report entries have been completed		Y	Y	Y	Y

Disclaimer -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



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Department of Planning,
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	correctly.					
20	Record the results in the logbook and submit a customer service report to the FMSP. To include: a) Maintenance reports. b) Detector head changes (including serial number and date). c) Reports of failures and any discrepancies. d) Other significant information.		Y	Y	Y	Y

Special Comments and Technical Data

- B SERVICE MONTHLY.
- C SERVICE 6 MONTHLY OR 3 MONTHLY IF REQUIRED BY THE SITE.
- D SERVICE ANNUAL.
- E SERVICE 5 YEARLY.

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A SPECIALIST FIRE SUB-CONTRACTOR IS REQUIRED FOR THIS WORK WHO IS COMPETENT TO UNDERTAKE THE SERVICE FOR THE SPECIFIC SYSTEM AND CONFIGURATION.

DETECTOR HEADS MUST BE RETURNED TO AN AUTHORISED SERVICE CENTRE FOR RECALIBRATION. DETECTOR HEADS ARE NOT TO BE RECALIBRATED ON SITE.

APPLICABLE STANDARDS: AS1851, AS1670.1, AS7240.20.

THIS REGULATORY SERVICE IS TO REFLECT INSPECTION, TESTING AND MAINTENANCE REQUIREMENTS OF ESSENTIAL SAFETY ITEMS OF MINISTERIAL BUILDING STANDARD MBS 002 AND ANY PRESCRIBED STANDARDS.

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