

Combined Fire and Security Detection System

Last Issue Date: 07/10/2020		Type Of Service				
Activity		A	B	C	D	E
1	MAIN CONTROL PANEL AND TERMINAL DEVICE (Activities 1-9): Test the communications link for general operation to the Central Monitoring Station in co-operation with the Central Monitoring Station.			Y	Y	
2	Activate an alarm in each zone (as part of the device checks) and check that the alarm is reported at the Central Monitoring Station.			Y	Y	
3	Verify that the remote zone alarm descriptions match the local alarm zones.			Y	Y	
4	Check the internal condition of the units for damaged, heated and stressed components. Rectify any issues identified.			Y	Y	
5	Check the operation of all indicator lights and displays.			Y	Y	
6	Check the operation of all panel functions.			Y	Y	
7	Check if any zones have been disabled, if so establish the reason. Notify the FMSP of any discrepancies.			Y	Y	
8	Check the operation of all devices, which respond to an alarm condition. Rectify any issues identified.			Y	Y	
9	Control panel and zone expander units: check that any anti-tamper devices are operational.			Y	Y	
10	POWER SUPPLY AND STANDBY BATTERY SYSTEM: a) Test and record the charger output voltage to the battery for each module. Confirm that the charger voltage is correct for the battery type. Report any discrepancies to the FMSP. b) Replace the battery if the system is indicating a low battery status. c) Confirm the system voltage under full load conditions with the mains supply OFF for no less than 10 minutes or the site-specific backup duration. d) Ensure that the output under such conditions of all standby batteries and power supplies is not less than 95 percent of rated voltage for the duration of the test. Replace the battery with an equivalent or larger battery as appropriate if the test is failed. e) Inspect the battery terminals for tightness, cleanliness and corrosion. f) Replace any blown or corroded fuses. g) Replace the batteries at the frequency recommended by the manufacturer or as required from the testing and inspection. h) Inspect the battery enclosure for signs of corrosion and replace if necessary. Clean the enclosure from any dust / dirt accumulation. Note: If the battery is replaced, mark the date in a durable manner on the replacement in a suitable location (on the battery or the container).			Y	Y	
11	KEY PADS (Activities 11-16):			Y	Y	
12	Check that the unit is set to display alarms in its particular area only.			Y	Y	
13	Clean the Key Pad.			Y	Y	

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14	Check the operation of the indicator lights and alpha numeric display. Rectify any issues identified.			Y	Y	
15	Replace any damaged touch pads.			Y	Y	
16	Check that the Key Pad enclosure is securely fastened to the wall. Rectify any issues identified.			Y	Y	
17	MOVEMENT DETECTORS (Activities 17-22):			Y	Y	
18	Check the clearance near detectors and report any obstructions that impede the operation of the detectors. Seek approval from the FMSP to remove obstructions / rectify as required.			Y	Y	
19	Check and test the operation.			Y	Y	
20	Walk test each detector and record the response. Compare against the published detection pattern.			Y	Y	
21	Confirm the operation with the Central Monitoring Station.			Y	Y	
22	Record and report each detector that fails to meet published data performance. Rectify any issues identified or replace the detector as necessary.			Y	Y	
23	SMOKE AND HEAT ALARMS (Activities 23-35):			Y	Y	
24	Inspect all smoke and heat alarms for damage, dust, coating or any condition that may affect its operation.			Y	Y	
25	Verify all smoke and heat alarms 'Battery missing' indicator is not operated.			Y	Y	
26	Check the mains power indicator is illuminated.			Y	Y	
27	Test the alarm via Alarm Test Function.			Y	Y	
28	Where installed, inspect all other sensory devices to ensure they are in place.			Y	Y	
29	Test that the activation of each smoke or heat alarm operate the audible interconnecting alarms accordingly.				Y	
30	Test all the smoke and heat alarms in accordance with manufacturer's recommendations.				Y	
31	Where installed, test all other sensory devices to ensure they are fully operational.				Y	
32	Clean each smoke and heat alarm in accordance with the manufacturer's recommendations.				Y	
33	Check the batteries are in accordance with the manufacturer's recommendations and replace if required.				Y	
34	Replace the smoke and heat alarms when the service life date is exceeded.				Y	
35	Verify the smoke and heat alarms spacing is as required.				Y	
36	SYSTEM (Activities 36-41):			Y	Y	

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37	Check for any building alterations, changes in the environment or utilisation of the protected area which would require modification to the system.			Y	Y	
38	Check that the documentation corresponds with actual site locations of detectors and control equipment. Report any discrepancies to the FMSP.			Y	Y	
39	Review the software and firmware versions for all equipment and if required, provide recommendations to the FMSP prior to undertaking any updates.			Y	Y	
40	Upon completion of the service ensure: a) That any switches are set to normal position. b) Mains power is on and connected. c) The backup battery is connected to the system. d) That all emergency service contact information is up to date. And: e) Reset the panel(s) and make sure all zones are active.			Y	Y	
41	Ensure that all emergency service contact information is up to date. Record the results in the logbook and submit a complete customer service report to the FMSP.			Y	Y	

Special Comments and Technical Data

C SERVICE 6 MONTHLY (THIS SERVICE MAY NOT BE NECESSARY IF REMOTE DIAGNOSTICS ARE AVAILABLE).
D SERVICE ANNUAL.

SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON MANUFACTURER'S RECOMMENDATIONS AND SITE CONDITIONS.

BEFORE ANY TESTS ARE CARRIED OUT, NOTIFY THE CENTRAL MONITORING STATION.
DO NOT DISCONNECT, BRIDGE OR REMOVE ANY DEVICE WITHOUT NOTIFYING THE SITE REPRESENTATIVE, MONITORING STATION AND ENTERING IT INTO THE LOGBOOK WITH PRECISE REASONS FOR THE ACTION.

A SPECIALIST SUB-CONTRACTOR IS REQUIRED FOR THIS SERVICE WHO IS COMPETENT AND LICENCED (WHERE APPLICABLE) TO UNDERTAKE THE SERVICE FOR THE SPECIFIC SYSTEMS AND CONFIGURATIONS.

APPLICABLE LEGISLATION AND STANDARDS: MBS 002, WH&S REGULATIONS, AS2201.1, AS1851.

FOR Fire Detection and Alarm Systems REFER TO TDS F16.
FOR Combined Security, Fire, Duress and Access Control SYSTEMS REFER TO TDS ET45.
FOR Security Control System - INET Type SYSTEMS REFER TO TDS ET64.
FOR Combined Security, Duress, Access Control Systems REFER TO TDS ET65.

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