



MKV ENGINEERING AND TRADING SERVICES PTE LTD

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M & E INSPECTION FORM (SPECIALIST) - ALL TYPES OF FIRE ALARM SYSTEMS(INCLUDING DECAMS)

ANNEX D7_5

SITE: Dunman High School 10 Tanjong Rhu Road, Singapore 436895

Month: April 2021

S/N	ITEM	DONE? (Y or N or NA)	Date Done	Remarks
1	SERVICING, INSPECTION AND TESTING OF ALL TYPES OF FIRE ALARM SYSTEMS (ALL TYPES INCLUDING DECAM SYSTEMS)			
1	Check all repeater panels shall be checked for proper operation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
2	Check condition of battery cabinet for corrosion and to ensure that batteries are stored in a secure condition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
3	Check condition of storage batteries including terminals, and maintain in a serviceable condition. To label on battery the date of replacement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
4	Check operation of alarm bells	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
5	Check operation of external alarm bell and equipment shutdown in sequence.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
6	Check power supply failure facility by, disconnecting the battery, and switching off main supply.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
7	Check that all switches are returned to their normal position.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
8	Check that the fire indicator board is in clean and operative condition and ensure that the enclosure is maintaining a satisfactory dust seal.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
9	Check the battery voltage by operating the battery test switch and record voltage from the output of the charger under load conditions in the logbook	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
10	Check to ensure all twin indicating lights are operating correctly and replace if faulty.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
11	Note in the logbook any circuits, which are subject to repair, alteration or extension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
12	Notify School and Security Station of intention to shut down/testing the Fire Alarm System. Ensure School has made the proper announcement before proceeding to service, rectification works, or test the Fire Alarm System	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
13	Provide a sticker for one third of the total number of call points to indicate the date the detector/manual call point tested. This sticker shall be prominently displayed for easy checking.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
14	Record details of routine test and fault response visits if any.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
15	Replace all faulty/missing parts e.g. LED/ panel indicating lamps, AC/DC fuses, engraved labels, selector switches, toggle switches, push buttons, plastic cable straps, rubber brushes, rubber mat, etc. during the course of routine servicing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
16	Simulate a fault condition and verify fault annunciation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
17	Simulate a fault return to normal and status change	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
18	Simulate fire conditions by operating test switches on all groups and resetting the installation to normal after completion of test.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
19	Test the DISABLE or ISOLATE function and verify response	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
20	Test a command function and check the response	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
21	Test the Bypass function and verify response	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
22	Top up the battery water to the high level when the electrolyte level is at the low level. If applicable.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	07/04/2021	
23	Verify alarm return to normal and status change	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
24	Verify lamp tests on CPU and SCC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	
25	Visually inspect the condition of components, including resistors, capacitors and cable. To check and ensure fire alarm zones are correctly reflected on the Fire alarm panel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	07/04/2021	

Checked By

Endorsed By

Verified By

(Raja/Deva)

(Dennis)

MANAGEMENT AGENT

THE CONTRACTOR

USER

Date:

Date: 07/04/2021

Date: 15/05/2021

Remarks:

Remarks:

Remarks: