

**PROJECT NAME & LOGOS**

**CHECK LIST FOR:**  
**Addressable Fire alarm & Voice evacuation system Testing & commissioning**  
**(pre-Commissioning Check list)**

**Form No:**  
**Rev. No : 0**  
**Page : 1 of 2**

**SUBCONTRACTOR**  **CONTRACTOR**

**SECTION OF WORK:** Electrical **LOCATION:**  
**LEVEL:** **RFIA No.:**

STAGE	ITEM	Checked by		Checked by	Date
		S/C	CONT	Cons.	

**Testing and Commissioning will be done using the Tools Kit with Screw driver, Cutter, Calibrated Multi meter, DB Meter and True start tool etc**

<b>SETTING OUT</b>	Check the Approved shop drawings approval.				
<b>MEP/CIVIL</b>	Check for Services Clearances, and the same approved by company site team (civil)				
<b>Fire Alarm and Voice evacuation system pre-commissioning check list</b>	1. Ensure that no power is applied to the 4100U fire alarm panel and that all wiring is properly connected				
	2. Use the green grounding lug in the control panel for all measurements to ground. Each circuit must test free of all grounds and extraneous voltages.				
	3. Use the volt/ohm meter to check each circuit type.				
	4. At the control panel, locate wires from each initiating device or indicating appliance circuit.				
	5. Check each circuit for extraneous voltage by setting the volt / ohm meter to 300VAC. The meter must read 0 volts.				
	6. Set the volt / Ohm meter to 60 VDC .The measurements must read 0 volts.				
	7. Set the volt / ohm meter to OHMS X 10 and check the circuits using resistance measurements. Locate and correct any abnormal conditions at this time.				
	8. Check all other system wiring to verify that each circuit is free of grounds and extraneous voltages				
	9. Verify insulation resistance of the cable and check whether the value is as per recommended Specification				
	10. Check the Continuity and Polarity of the cable.				

For S/C QA/QC: Date:	FOR CONTRACTOR QA/QC: Date:	For Consultant Rep.: Date:
Name: Sign:	Name: Sign:	Name: Sign:

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<b>SAFETY PRECAUTIONS</b>	1. Adequate lights are provided in the Work Area prior to installation.				
	2. All terminations cables have been checked for any damage or improper connections.				
	3. Ensure that barricade & warning boards on the area are available prior to installation.				
	4. Ensure no obstacles in the area. Maintain proper housekeeping.				
	5. Ensure all personnel performing the installation shall have proper training & experience.				
	6. Ensure all electrical tools to be used in the installation are not damage.				
	7. Adequate lights are provided in the Work Area prior to installation.				
	8. Ensure all Personal performing the installation shall have necessary personal protective equipment.				
	9. Check that LOTO procedure implemented and followed.				
	10. Check that PTW applied and obtained prior to start work.				
	11. Ensure that Necessary PPE to be worn while working in energized circuits				
	12. Ensure that Heat Stress plan developed as per site situation.				



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