

APPENDIX 3

INSPECTION & TESTING CERTIFICATE

(Refer section 1.12 of Regulations)

I being the person responsible from "----- (company Name) -----" for the inspection & testing of the electrical installation, particulars of which are submitted to DEWA and approved under Reference "-----" having exercised reasonable skill and care when carrying out the inspection & testing hereby CERTIFY that the works for which my company is responsible is to the best of my knowledge and belief in accordance with the DEWA approved documents and regulations and also the relevant clauses of the latest IET (The Institute of Engineering and Technology) Wiring Regulation.

1. The minimum value of insulation resistance measured using test voltage 500 Volts D.C is ----- M. Ohms, from the below tests (Any surge protective devices or other equipment are likely to influence the verification test or be damaged shall be disconnected before the test).
 - Between phase conductors.
 - Between phase conductor and the protective conductors connected to the earthing arrangement.
 - Between phase and neutral conductors.
 - Between protective conductors and with phases and neutral together.
 - Separation of live parts from those of other circuits and earth (protection by electrical separation /SELV/PEL as applicable).
2. The maximum value of electrode resistance to earth, measured individually is ----- Ohm.
3. Continuity of each protective conductors are verified and found correct.
4. Continuity of ring circuits including protective conductor of 13 amps switched socket outlets are verified and found correct.
5. Verified that every single pole control and protective device is connected to phase conductors only.
6. Wiring of all socket outlets and similar accessories are verified and found correct.
7. Verified that lamp holders have the outer or screwed contacts connected to the neutral conductor.
8. All barriers, degree of protection of enclosures (IP rating, etc.) are verified and found to be correct.
9. Visual verification and tests on all the ELCBs are performed and found to be correct.
10. Under Voltage (UV) Relays with associated contactors /motorized breakers are verified and found to be correct.
11. Power factor correction means/equipment, etc. are verified and found correct.