**Inspection Report**CSE EI(R1) FORM (Rev #4)

## **PARTICULARS OF INSTALLATION**

Name of Installation:

Address of Installation:

Electrical Installation License No: **E/** Date & Time of Inspection:

**1** **SITE CONDITIONS** [**√**: *acceptable* / X: *not acceptable* / NA: *not applicable* ] **Remarks**

1.1 Access to MSB / Sub-Board / Distribution-Board

**2** **ENVIRONMENT CONDITIONS**

2.1 Locking facilities

2.2 Roofing or shed condition (for outdoor)

2.3 Lighting

2.4 Ventilation

2.5 Fire extinguisher

2.6 No sign of bird/pest habitation

**3 SWITCHROOM REQUIREMENTS**

3.1 Rubber mat

3.2 Single-line diagram

3.3 LEW’s contact particulars

3.4 First-aid chart

3.5 Display of Electrical Installation license

3.6 Danger sign   
**4 SWITCHBOARD REQUIREMENTS**

4.1 Earth bar c/w proper labeling

4.2 Earth pits condition

4.3 Earth pits (R = \_\_\_\_\_\_\_\_\_\_Ω tested on \_\_\_\_\_\_\_\_\_\_\_\_\_)

4.4 Earth electrode inspection chamber

4.5 Warning notice

4.6 Equipotential bonding of metallic trunking, metal   
conduits & water/gas pipe.

4.7 Protection of fingers to direct live parts (at least IP2X)

4.8 Incoming & outgoing lights, voltmeter & Ammeter

4.9 Proper Neutral links sizing

4.10 Appropriate circuit breakers size & type

4.11 Sufficient support & mechanical protection for cables

4.12 Labelling of circuits

4.13 Sign of Corrosion

4.14 Servicing of Switchboard (Last Done:\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

**5 OPERATIONAL REQUIREMENTS Remarks**

5.1 Incoming load L1:\_\_\_\_\_\_\_A L2:\_\_\_\_\_\_\_A L3:\_\_\_\_\_\_\_A

5.2 Voltage L1-N:\_\_\_\_\_V L2-N:\_\_\_\_\_V L3-N:\_\_\_\_\_V L-L:\_\_\_\_\_V

5.3 Earth loop impedance *(\* power disruption)* L-E:\_\_\_\_\_\_\_\_\_\_\_Ω

5.4 Main Breakers’ relay settings Itrip:\_\_\_\_\_\_A t:\_\_\_\_\_\_s

5.4 Function test of RCD *(\* power disruption)*

**6** **OUTGOING DB / CIRCUITS**

6.1 Appropriate rated fittings/fixtures   
(i.e. outdoor IP rating, fire rated, explosion proof etc)

6.2 30mA RCCBs in sensitive areas or public areas

6.3 Standby Generator

6.4 PV system / electric charger system

6.5 No unused wires/cables or illegal wiring

Name of Supervisor/Inspector:

Signature: Date:

Notes: Premise owner to rectify items marked “not acceptable”

## THE INSPECTION WAS WITNESSED BY REPRESENTATIVE OF THE LICENSEE

Name: Designation:

Signature: Date:

Remarks (if any):

DECLARATION BY LEW

I am satisfied that the electrical installation is fit for operation.

Name of LEW: License No:

Signature: Date:

Remarks (if any):