

Form of Inspection Report
{As per Provision in CEA (Measures Relating to Safety and Electric Supply) Regulation, 2023}

Name of the building/Plant/
Industry/Factory :-

Date & year of Electrical installation :-

Last date of Inspection :-

1. Consumer No :-

2. Voltage & system of supply :-

i) Volts :-

ii) No. of Phase :-

iii) AC/ DC :-

3. Type of wiring :-

4. Name of consumer/ owner :-

5. Address of the consumer/ owner :-

6. Name & address of the Supplier :-

7. Type of Earthing :-

8. Details result of Earthing :-

9. Total load of wiring in the building :-

9(a) General condition of the installation

CEA (Measures Relating to Safety and Electric Supply) Regulation, 2023		Requirement	Report
(i)	Is/ are there any sign (s) of overloading in respect of any apparatus wiring	:-	
(ii)	Condition of flexible cords, sockets, switches, plug pins cut-outs and lamp holders and such other fittings	:-	
(iii)	General condition of wiring	:-	
(iv)	State it any un-authorized temporary installation exists		
(v)	State if sockets are controlled by individual switches		
(vi)	Any other defect or condition which may cause a source of danger	:-	

Page-2

10. Give report on condition of service lines cables wires, apparatus and such other fittings placed by the supplier/ owner of the premises :-
11. Has the supplier provided suitable cut-outs within consumer premises within enclosed fire proof receptacle :-
- 12.i) State if switches are provided on live conductor :-
 - ii) State if indication of a permanent nature is provided as per this rule so as to distinguish neutral conductor from the live conductor :-
 - iii) Whether a direct line is provided on the neutral in the case of single phase double pole iron clad switches instead of fuse;-
- 13.i) State if earthed terminal is provided by the supplier :-
 - ii) Have three pin plugs been provided for plug points :-
 - iii) Report on the efficiency of the earthing arrangement :-
14. Leakage on premises:
(State insulation resistance between conductor & earth in Mega Ohm)
 - i) State if linked switches of requisite capacity are provided near the point of commencement of supply :-
 - ii) State if the wiring is divided in suitable manner of circuits and each such circuits is protected by suitable cut-outs :-
 - iii) State if supply to each motor or apparatus is controlled by suitable linked switch :-
 - iv) Has it been ensured that no live part is accessible as to the cause of danger :-
15. i) Have the frame of every generator, stationary motor and so far as practicable motor and the metallic parts (in intended as conductor) of all other apparatus used for or controlling energy been earthed by two separate at distinct connection with earth :-
 - ii) Is the earth wire free from any mechanical damage :-
 - iii) In the case of conduit/ lead covered wiring had the conduit cover been efficiently earthed:-

- iv) If the consumer has his own earth electrode state if it is properly executed and has been tested with satisfactory results :-
- v) Earth result of lightening arrester (if required) :-

Details of Transformer

- :-
- a) KVA/ KW :-
- b) Voltage rating (output) :-
- c) Current rating (output) :-
- d) Type of housing :-
- e) Details of controlling switches :-
- f) Details of protective devices :-
- g) Connection of earth :-
- h) System of earthing :-
- i) Minimum clearance for movement :-
- j) Is there any cable trench inside the generator room,
if so, whether the trench is covered with non-inflammable slab :-
- k) Details of protective arrangement against lighting :-

1) RESULT OF TEST:

- I.R value of transformer :-
- a) HV to earth :-
- b) LV to earth :-
- c) LV to HV :-
- d) Neutral to earth :-

2) Resistance of earthing:

- a) Transformer body :-
- b) Structure :-

Details of HT/LT cable

- a) Voltage rating :-
- b) Size& type of cable :-
- c) Make :-

RESULT OF TEST:

Cables	1. Insulation resistance (IR) values	
Size:	1.1 Phase to phase (Red to Yellow)	
	1.2 Phase to phase (Red to Blue)	
	1.3 Phase to phase (Yellow to Blue)	
	1.4 Phase to earth (Red- Earth)	
	1.5 Phase to earth (Yellow- Earth)	
	1.6 Phase to earth (Blue- Earth)	
	2. Bending radius	

Name of Electrical Worker(s) who have done the work	Workmanship Licence no. issued by the TELB	Signature of Worker(s)
--	---	------------------------

1.

2.

3.

4.

Following documents should be enclosed:

- 1) Layout of the wiring/ single line diagram of electrical installation should be enclosed
- 2) Manufacturing test result each and every transformer & all other equipments should be enclosed.
- 3) Name and license copy of Supervisor license holder (preferable Degree/ Diploma Engineer) person who is regularly engaged for time to time observation of all the electrical equipments of this building

DECLARATION

I do hereby solemnly declared that I shall abide by myself to obey the instruction as per provision of CEA (Measures Relating to Safety and Electric Supply) Regulation, 2023 and the above information are true and found correct to the best of my knowledge.

Signature of Contractor

Name :

Licence number:

Signature of Supervisor

(Preferable Degree/ Diploma Engineer)

Name :

Certificate number : :

Signature of owner of building/Industry/Factory

Name:

Dag/Khatian/Holding No.