

FORM II

(Installations of voltage level more than 250V up to and including 650V)

Report No. _____

Date of Inspection by Electrical Inspector _____

or self-certification by supplier/owner/Chartered Electrical Safety Engineer _____

Date of Last inspection or self certification _____

1. Consumer No. _____

2. Voltage and system of supply:

(i) Volts _____ (ii) No. of Phases _____ (iii) AC/DC _____

3. Name of the consumer or owner _____

4. Address of the consumer or owner _____

5. Location of the premises _____

6. Particulars of the installations

(a) Motors:

Make	No.	H.P.	Amps.	Voltage
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(i) _____

(ii) _____

(b) Other equipment (complete details to be furnished):

(i) _____

(ii) _____

Total connected load h.p./KVA

(c) Generators details i.e. Make, S. No, KVA rating and Voltage:

(i) _____

(ii) _____

General condition of the installation:

Sl. No.	Regulation Nos.	Requirements	Report
7.	Regulation-3	Is the register of designated persons properly made and kept up to date duly attested ?	Yes/No
8.	Regulation-12	(i) Is/Are there any visible sign(s) of overloading in respect of any apparatus wiring? (ii) Whether any unauthorised temporary installation exist? (iii) Are the electric supply lines and apparatus so installed, protected, worked and maintained as to prevent danger ? (iv) Any other general remarks.	Yes/No Yes/No Yes/No
9.	Regulation-13	Give report on condition of service lines, cables, wires, apparatus and such other fittings	Satisfactory/Not Satisfactory

		placed by the supplier or owner of the premises. If not satisfactory give details.	
10.	Regulation-14	Whether suitable cut-outs/MCBs provided by the supplier at the consumer's premises are within enclosed fire proof/resistant receptacle?	Yes/No
11.	Regulation-15	(i) Whether switches are provided on live conductors? (ii) Whether indication of a permanent nature is provided as per Regulation so as to distinguish neutral conductor from the live conductor as per IS color code? (iii) Whether a direct line is provided on the neutral in the case of single phase double pole iron clad switches/Isolators/MCBs instead of fuse ?	Yes/No Yes/No Yes/No
12.	Regulation-16	(i) Whether earthed terminal is provided by the supplier? (ii) General visible condition of the earthing arrangement.	Yes/No Satisfactory/Not Satisfactory
13.	Regulation-17	(i) Are bare conductors in building inaccessible? (ii) Whether readily accessible switches have been provided for rendering them dead ?	Yes/No Yes/No
14.	Regulation-18	Whether "Danger Notice" in Hindi and the local language of the district and of a design as per relevant Indian Standard is affixed permanently in conspicuous position?.	Yes/No
15.	Regulation-19	(i) Whether insulating floor or mats conforming to IS-15652:2006 have been provided? (ii) Whether identification of panel has been provided on the front and the rear of the panel?	Yes/No Yes/No
16.	Regulation-21	Whether flexible cables used for portable or transportable equipment covered under the Regulation, are heavily insulated and adequately protected from mechanical injury?.	Yes/No
17.	Regulation-22	State the condition of metallic coverings provided for various conductors.	Satisfactory/Not Satisfactory
18.	Regulation-24	Whether the circuits or apparatus intended for operating at different voltage(s) are distinguishable by means of indication(s) of permanent nature?.	Yes/No
19.	Regulation-26	Whether all circuits and apparatus are so arranged that there is no danger of any part(s) becoming accidentally charged to any voltage beyond the limits of voltage for which it/they is/are intended ?	Yes/No

20.	Regulation-27	(i) In the case of generating stations, whether fire-buckets filled with clean dry sand have been conspicuously marked and kept in convenient situations in addition to fire-extinguishers as per IS 3034 suitable for dealing with minor electric fires ? (ii) Whether First Aid Boxes or cupboards conspicuously marked and properly equipped are provided and maintained?. (iii) Is adequate staff trained in First Aid Treatment and fire fighting?	Yes/No Yes/No Yes/No
21.	Regulation-28	(i) Whether instructions in English or Hindi and the local language of the district and where Hindi is the local language, in English and Hindi, for the resuscitation of persons suffering from electric shock have been affixed in a “conspicuous place” ?. (ii) Are the designated persons able to apply instructions for resuscitation of persons suffering from electric shock ?	Yes/No Yes/No
22.	Regulation-34	Leakage on premises: State insulation resistance between conductors and earth in Mega Ohms.	----- M Ohms
23.	Regulation-35	(i) Whether a suitable linked switch, or circuit breaker is placed near the point of commencement of supply so as to be readily accessible and capable of being easily operated to completely isolate the supply ? (ii) Whether every distinct circuit is protected against excess electricity by means of a suitable circuit breaker or cut-out ? (iii) Whether suitable linked switch or circuit breaker is provided near each motor or apparatus for controlling supply to the motor or apparatus?. (iv) Whether adequate precautions are taken to ensure that no live parts are so exposed as to cause danger?	Yes/No Yes/No Yes/No Yes/No
24.	Regulation-37	(i) Whether clear space of 100 cm is provided in front of the main switchboard? (ii) Whether the space behind the switchboard exceeds 75 cm in width or is less than 20 cm? (iii) In case the clear space behind the switchboard exceeds 75 cm. state whether a passage way from either end of the switchboard to a height of 1.80 metres is provided.	Yes/No Yes/No Yes/No

25.	Regulation-41	(i) Has the neutral point at the transformer and generator been earthed by two separate and distinct connections with earth? (ii) Have the frame of every generator, stationary motor and so far as practicable portable motor and the metallic parts (not intended as conductors) of all transformers and any other apparatus used for regulating or controlling electricity and all apparatus consuming electricity at voltage exceeding 250V but not exceeding 650V been earthed by two separate and distinct connections with earth ? (iii) Have the metal casings or metallic coverings containing or protecting any electric supply line or apparatus been properly earthed and so joined and connected across all junction boxes as to make good mechanical and electrical connection? (iv) Whether the consumer's earth-electrode is properly executed and has been tested. If yes, give value of earth resistance? (v) Is the earth wire free from any mechanical damage ? (vi) Whether record of earth resistance value maintained?	Yes/No Yes/No Yes/No Yes/No ----- Ohms. Yes/No Yes/No
26.	Regulation 42	Whether earth leakage protective device (ELCB/RCCB) of appropriate capacity as defined in Regulation have been provided in each circuit?	Yes/No
27.	Regulation-45	Have the protections and interlocks for the generating units been provided. If not, give details?	Yes/No
	Overhead Lines	(i) State if the consumer has any overhead lines. (ii) Does the overhead line near the premises of consumer meets the requirement of regulations 58, 60 and 61? If not, give details. (iii) Is guarding provided for overhead lines at road crossings? (iv) Any other remarks.	Yes/No Yes/No Yes/No

Date :

Signature of the Inspecting Officer

Name _____

Designation _____

File No. _____

(For Self Certification by Owner or Supplier or Chartered Electrical Safety Engineer)

CERTIFICATE

(Under Regulation 30 / Regulation 43 of CEA (Measures relating to Safety & Electricity Supply) Regulation,2010)

This is to certify that the electrical installation has been completed in all respects and the work has been carried out conforming to the CEA (Measures relating to Safety & Electricity Supply) Regulation,2010 and relevant Standards of IS/NEC/IEC. The site tests done are found to be in order and it is electrically safe to operate the apparatus free from any danger.

Encl: Test reports

(Signature)

Self certifying supplier or owner

Name _____

(Signature)

Chartered Electrical Safety Engineer

Name _____

File No. _____