

FORM I
INSTALLATIONS OF VOLTAGE UP TO AND INCLUDING 250V

Report No: Date of Inspection by Electrical Inspector or self certification by owner:
Date of Last Inspection or self certification:

1. Consumer Name:
2. Voltage and system of supply:
 - (i) Volts
 - (ii) No. of Phases
 - (iii) AC/ DC
3. Type of wiring
4. Name of the consumer or owner
5. Address of the consumer or owner
6. Location of the premises
7. Particulars of the installations:

		Number	Connected load in KW
(a)	(i) Lighting points
	(ii) Fan Points
	(iii) Plug Points

State type of wiring whether casing capping, lead covered of teak wood batten, concealed conduit, Tough Rubber Sheathed and any other type.

- (b) Other equipments (complete details to be furnished):
 - (i)
 - (ii)
 Total Connected Load in KW.....
 Maximum current demanded in Amps
 (On the basis of Total connected load)
- (c) Generator Details i.e. Make, Sl.No., KVA rating and Voltage
 - (i)
 - (ii)

General conditons of the installations:

Sl No.	Regulations Nos	Requirements	Report
8	Regulation 12	(i) Is/ Are there any visible sign(s) of overloading in respect of any apparatus wiring?	Yes/ No
		(ii) Condition of flexible cords, sockets, switches, plug-pins, cut-outs and lamp holders and such other fittings.	Satisfactory/ Not Satisfactory
		(iii) General conditions of Wiring.	Satisfactory/ Not Satisfactory
		(iv) Whether any unauthorized installation exists?	Yes/ No
		(V) State of sockets are controlled by the individual switches	Yes/ No
		(vi) Any other defect or condition which may be a source of danger. If yes, give details	Yes/ No
9	Regulation 13	Give report on the condition of the service lines, cables wires, apparatus and such other fittings placed by the supplier or owner of the premise. If not satisfactory, give details	Satisfactory/ Not satisfactory

10	Regulation 14	Whether suitable cut-outs provided by the supplier at the consumer's premises are within enclosed fire proof receptacle?	Yes/ No
11	Regulation 15	(i) State if switches are provided on live conductors (ii) State if indication of a permanent nature is provided as per Regulation 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?	Yes/ No Yes/ No Yes/ No
12	Regulation 16	(i) State if earthed terminal is provided by the supplier (ii) Have three pin plugs been provided for the plug points? (iii) General visible conditions of the earthing arrangement.	Yes/ No Yes/ No Satisfactory/ Not satisfactory
13	Regulation 17	Are the live parts in accessible position?	Yes/ No
14	Regulation 34	Leakage on Premises: State insulation resistance between conductors and earth in Mega ohmsM Ohms
15	Regulation 35	(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 number of circuits and each such circuit is protected by suitable cut-out. (iii) State if supply to each motor or apparatus is controlled by suitable linked switch	Yes/ No Yes/ No Yes/ No
16	Regulation 41	(i) 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 other apparatus used for regulating* or controlling electricity been earthed by two separate and distinct connections with earth? (ii) Is the earth wire free from mechanical damage? (iii) In the case of conduit, or lead covered wiring, has the conduit or lead cover been efficiently earthed? (iv) If the consumer has his own earth electrode, state if it is properly executed and has been tested. If yes, give value of earth resistance.	Yes/ No Yes/ No Yes/ No M Ohms

17	Overhead lines	(i) State if the consumer has any overhead lines.	Yes/ No
		(ii) Does the overhead line near the premises of consumer meets the requirement of regulations 58, 60 and 61? If not, give details.	Yes/ No
		(iii) Is guarding provided for the overhead lines at road crossings?	Yes/ No
		(iv) Any other remarks	

Date:

Signature of the Inspection officer/ Self Certifying supplier or owner

Name:

Designation:

File No:

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Electrical Inspector, Hyderabad/ Nizamabad for

* Note applicable to isolated wall tubes or to brackets, electroliers, switches, ceiling fans and such other fittings (other than portable head lamps and transportable apparatus) unless provided with earth terminal.

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 owner:
 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
(i)
(ii)

b Other equipments (complete details to be furnished):

- (i)
- (ii)

Total Connected Load in HP/ KVA.....

c Generator Details i.e. Make, S.No., KVA rating and Voltage

- (i)
- (ii)

General conditions of the installations:

Sl No.	Regulations 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 unauthorized installation exists? (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 Yes/ No
9	Regulation 13	Give report on the condition of the service lines, cables wires, apparatus and such other fittings placed by the supplier or owner of the premise. If not satisfactory, give details	Satisfactory/ Not satisfactory
10	Regulation 14	Whether suitable cut-outs provided by the supplier at the consumer's premises are within enclosed fire proof receptacle?	Yes/ No
11	Regulation 15	(i) Whether switches are provided on live conductors	Yes/ No

		(ii) whether indication of a permanent nature is provided as per Regulation so as to distinguish neutral conductor from the live conductor	Yes/ No
		(iii) Whether a direct line is provided on the neutral in the case of single phase double pole iron clad switches instead of fuse?	Yes/ No
12	Regulation 16	(i) State if earthed terminal is provided by the supplier	Yes/ No
		(iii) General visible conditions of the earthing arrangement.	Satisfactory/ Not satisfactory
13	Regulation 17	(i) Are bare conductors in building inaccessible?	Yes/ No
		(ii) Whether readily accessible switches have been provided for rendering them dead?	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?	Yes/ No
		(ii) Whether identification of panel has been provided on the front and the rear of the panel?	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 induction(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 suitable for dealing with electric fires?	Yes/ No
		(ii) Whether First Aid Boxes or cupboards conspicuously marked and properly equipped are provided and maintained?	Yes/ No

		(iii) Is adequate staff trained in First Aid Treatment and fire fighting?	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 resection of persons suffering 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 ohmsM 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 switch board 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 meters 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	Yes/ No

		(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 all voltages exceeding 250 V but not exceeding 650 V been earthed by two separate and distinct connections with earth?	Yes/ No
		(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?	Yes/ No
		(iv) Whether the consumer's own earth electrode, state if it is properly executed and has been tested. If yes, give value of earth resistance.	Yes/ NoM Ohms
		(v) Have the earth wire free from any mechanical damage	Yes/ No
26	Regulation 45	Have the protections and interlocks for the generating units been provided. If not, give details?	Yes/ No
27	Overhead lines	(i) State if the consumer has any overhead lines.	Yes/ No
		(ii) Does the overhead line near the premises of consumer meets the requirement of regulations 58, 60 and 61? If not, give details.	Yes/ No
		(iii) Is guarding provided for the overhead lines at road crossings?	Yes/ No
		(iv) Any other remarks	

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