

GOVERNMENT OF TELANGANA
ELECTRICAL INSPECTORATE
(An IS/ISO 9001: 2015 Certified Department)



From

The Chief Electrical Inspector to Government
5th Floor
R&B Buildings
A.C. Guards
Masabtank
Hyderabad-500004.
Phone No: 040-23453023

To

M/s: M/S. CHANDRAMMA EDUCATIONAL
SOCIETY.
Street: SURARAM VILLAGE
(V): Jeedimetla
(M): Qutubullapur
(D): Medchal
Pincode: 500055 , Phone No: 8008044111

Lr.No. CEIG/TG/EI Ex. 650V/1074/2023/D.No. 15/2025 Dated: 03/01/2025

Sub : The Electricity Act-2003 and Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 - Electrical Installation of Voltage Exceeding 650 V of M/s. M/S. CHANDRAMMA EDUCATIONAL SOCIETY., Jeedimetla Qutubullapur Mandal Medchal District - Statutory Approval under Section 54 of the Electricity Act-2003 and Regulation - 45(6) of CEA (Measures Relating to Safety and Electric Supply), Regulations 2023 Accorded.

Ref:- 1) Inspection Dated 28/12/2024
2) Your Lr. received on dated., 03/01/2025

Under Section 54 of The Electricity Act-2003 and Regulations 45(6) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023, the following equipment of your Electrical Installation of voltage Exceeding 650V are approved for energisation.

AS PER ANNEXURE ENCLOSED.

Under Regulation 45(6) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023, any additions or alteration in your installation shall not be connected to supply until the same are approved in writing by this office and offer for annual inspection under Regulation 32 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 every year to the concerned Deputy Electrical Inspector. Under Regulation 15(4), 48(7) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023, you are at all times solely responsible for the maintenance of the above installation on such condition as to be free from danger.

The above approval accorded is without prejudice to the statutory/ mandatory obligations to be fulfilled by you under various other acts and rules as the case may be. The approval accorded for energizing the electrical equipment is the safety for men and machine from electrical hazards in your installation and ipso facto does not confer any right to be used for any other purpose other than for which the approval is accorded.

Yours faithfully

G. N. Rao
CHIEF ELECTRICAL INSPECTOR
TO GOVERNMENT 3/1/2025

Encl:- List of Load Particulars

Annexure to Lr.No. CEIG/HYD/TS/HV/TS/R.R-359/2009/D.No. 15/2025 dt.03-01-2025.
M/S. CHANDRAMMA EDUCATIONAL SOCIETY (HOSPITAL), SURARAM VILLAGE, QUTBULLAPUR MANDAL,
RANGA REDDY DISTRICT.

S.No.	Details of the equipment.	Existing Load equipment.	Additional Load	Deleted Load	Total Load Approved
I.	33 KV H.V. INSTALLATION:				
1.	3 Panels VCB.	Make: Schneider Cap: 1250 A, 36 KV, Sl.No: V20905036, V20911037. Qty. 1 Set (With 3 Nos. VCBs)			Make: Schneider Cap: 1250 A, 36 KV, Sl.No: V20905036, V20911037. Qty. 1 Set (With 3 Nos. VCBs)
2.	H.V. Cable.	3C x 185 Sq.mm XLPE Cable - 50 Mtrs.			3C x 185 Sq.mm XLPE Cable - 50 Mtrs.
3.	Transformer.	Make: Esennar Sl.No: ET-1394 Cap: 2000 KVA, 33KV/433V.			Make: Esennar Sl.No: ET-1394 Cap: 2000 KVA, 33KV/433V.
II	M.V. INSTALLATION:				
1.	Motors Load.	891 KW + 320 HP, 415 V.	7.5 KW, 415 V		898.5 KW + 320 HP, 415 V.
2.	ACs Load	.....	60.8 KW, 415 V		60.8 KW, 415 V
2.	UPS.	400 KVA, 415V.	20 KVA, 415 V		420 KVA, 415 V.
3.	Capacitors.	900 KVAR, 415 V.			900 KVAR, 415 V.
4.	Generator-I	Make: Leroy Somer Sl.No: 539300138 Cap: 1010 KVA, 415 V.			Make: Leroy Somer Sl.No: 539300138 Cap: 1010 KVA, 415 V.
	Generator-II	Make: Stamford Sl.No: N22G276206 Cap: 1010 KVA, 415 V.			Make: Stamford Sl.No: N22G276206 Cap: 1010 KVA, 415 V.
III.	L.V. INSTALLATION:				
1.	Lighting Load	180 KWS, 230 V.	25 KW, 230 V		205 KWS, 230 V.

S.No.	Details of the equipment.	Existing Load equipment.	Additional Load	Deleted Load	Total Load Approved
2.	ACs Load	.....	12 KW, 230 V	.....	12 KW, 230 V
3.	Other Loads.	250 KW, 230 V.	70 KW, 230 V	.....	320 KW, 230 V.
IV Solar Plant					
1.	Inverters	.....	Make:Deye Cap: 100 KW S.No: 2306176055	.....	Make:Deye Cap: 100 KW S.No: 2306176055
2.	Solar PV Modules	.....	Make: Renewsys Cap: 170 No.s X 600 Wp = 102 KWp	.....	Make: Renewsys Cap: 170 No.s X 600 Wp = 102 KWp

8.7.03
CHIEF ELECTRICAL INSPECTOR
TO GOVERNMENT. 3/1/24

10/10/25

Total Lighting Load

05KW

X

05 NOS

25KW

INVERTER LOAD DETAILS

S.NO.	EQUIPMENT NAME	MAKE	SI.NO:	CAPACITY IN KW
1	INVERTER	DEYE	2306176055	100
	TOTAL			100

SOLAR POWER PLANT LOAD DETAILS

S.NO.	EQUIPMENT NAME	MAKE	SI.NO:	CAPACITY IN KWp
1	SOLAR MODULES	RENEWSYS	NOT VISIBLE	600Wp X 170NOS = 102KWp

TOTAL CONNECTED LOAD DETAILS

S.NO.	EQUIPMENT NAME	EXISTING LOAD	ADDITIONAL LOAD	TOTAL LOAD
1	TRANSFORMER	2000KVA, 33000/433V	.....	2000KVA, 33000/433V
2	GENERATOR - 1	1010KVA, 415V	.....	1010KVA, 415V
3	GENERATOR - 2	1010KVA, 415V	.....	1010KVA, 415V
	MV LOAD			
1	MOTORS LOAD	891KW + 320HP	7.5KW	898.5KW + 320HP
2	AC LOAD	.....	60.8KW	60.8KW
3	UPS	400KVA	20KVA	420KVA
4	CAPACITOR	900KVAR	.....	900KVAR
	LV LOAD			
1	LIGHTING LOAD	180KW	25KW	205KW
2	OTHER LOADS	250KW	70KW	320KW
3	AC LOAD	.....	12KW	12KW
	SOLAR POWER PLANT LOAD			
1	Solar Modules Load	.....	600Wp X 170NOS = 102KWp	600Wp X 170NOS = 102KWp
2	Solar Inverter	.....	100KW	100KW

For CHANDRAMMA EDUCATIONAL SOCIETY

For SRI ADITYA POWER WORKS

A
3490 T1-302

Proprietor

(Authorized Signatory)

APPROVED

Chief Electrical
Inspector to Govt.

03/01/25

CHANDRAMMA EDUCATIONAL SOCIETY

(HOSPITAL) SURARAM VILLAGE, QUTHBULLAPUR MANDAL, MEDCHAL DISTRICT.

ADDITIONAL M.V. LOAD DETAILS

SI.NO	M/C NAME	MAKE	SI.NO:	HP	VOLTS
1	Lift	Sharp	3/2D74/189	7.5	415
	TOTAL			7.5	415

M.V. AC LOAD DETAILS

SI.NO	M/C NAME	MAKE	SI.NO:	KW	VOLTS
1	4TR AC Unit	Daikin	0001465	4.8	415
2	4TR AC Unit	Daikin	0001463	4.8	415
3	4TR AC Unit	Daikin	0001460	4.8	415
4	4TR AC Unit	Daikin	0001461	4.8	415
5	4TR AC Unit	Daikin	0001459	4.8	415
6	4TR AC Unit	Daikin	0001464	4.8	415
7	4TR AC Unit	Daikin	0001462	4.8	415
8	4TR AC Unit	Carrier	50047542523800033	4.8	415
9	4TR AC Unit	Carrier	50047542523800046	4.8	415
10	4TR AC Unit	Carrier	50047542523800029	4.8	415
11	4TR AC Unit	Carrier	50047542523800043	4.8	415
12	4TR AC Unit	Carrier	50047542523800042	4.8	415
13	4TR AC Unit	Carrier	50047542523800036	4.8	415
14	4TR AC Unit	Carrier	50047542523800035	4.8	415
15	4TR AC Unit	Carrier	50047542523800034	4.8	415
	TOTAL			72	

LV AC LOAD DETAILS

S.NO.	DESCRIPTION	WATTS		NUMBERS	WATTS OR KW
1	2TR AC Unit	2400	X	5	12000
	TOTAL				12000W OR 12KW

LV LOAD DETAILS

GROUND FLOOR RAW POWER LOAD DETAILS

S.NO.	DESCRIPTION	WATTS		NUMBERS	WATTS OR KW
1	6A Sockets	125	X	72	9000
2	16A Sockets	500	X	10	5000
	TOTAL				14000W OR 14KW

Total Raw Power Load

14KW

X

05 NOS

70KW

LIGHTING LOAD DETAILS

GROUND FLOOR LIGHTING LOAD DETAILS

S.NO.	DESCRIPTION	WATTS		NUMBERS	WATTS OR KW
1	Tube Light	40	X	44	1760
2	Fan	60	X	14	840
3	LED	30	X	80	2400
	TOTAL				5000W OR 05KW