

SAVE ENERGY

SAVE NATION

GOVERNMENT OF TAMILNADU
ELECTRICAL INSPECTORATE

Web Site: www.tnei.tn.gov.in

E-mail : eitpr@tn.gov.in

From

The Electrical Inspector
Room No:651,652,6th Floor,
District Collector Multi complex
Building, Tirupur – 641 604.

To

Thiru. Sainmarks Industries (India) Pvt., Ltd,
S.F.No.471/1B, 471/2A3,471/3
Perunthozhuvu Village,
Ramagounden Pudur,
Pollikalipalayam – (PO),
Tirupur-641 665.

Letter No. TPR 7094 / EI / TPR / Reg43 / SC / 2020 Dated: **19-02-2021**

Sir,

Sub:

Electricity – Electrical Installations of voltage exceeding 650 V and upto and including 33 kV at the premises of **Thiru. Sainmarks Industries (India) Pvt., Ltd, S.F.No. 471/1B, 471/2A3, 471/3, Perunthozhuvu Village, Ramagounden Pudur, Pollikalipalayam- (PO), Tirupur-641 665.** Inspection under Regulation 43 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, Inspection on **17-02-2021** - Approval – accorded.

Ref:

- (1) This Office Lr.No. TPR 7094/EI/TPR/DRG/2020 Dt. **04-02-2021**
- (2) Your Lr.No. Nil dated: **15.02.2021** along with completion report.
- (3) This Office Lr.No. TPR 7094/EI/TPR/Reg.43/2020 Dt.**18-02-2021**
- (4) Your Lr.No.-NIL- Dt. **19-02-2021** along with Rectification Report.

Approval is hereby accorded under Regulation 43 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 to commission the Electrical Installations inspected on **17-02-2021** at the above premises as detailed in the Annexure enclosed herewith subject to complying with the terms and conditions of the supplier.

The date of energization of the installation should be intimated to this office. The equipments permitted should be commissioned within six months from the date of issue of this letter failing which fresh permission should be obtained.

Under Regulation 46(7) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, the owner of the installation shall maintain and operate the installations in a condition free from danger and as recommended by the manufacturer or by the relevant codes of practice of the Bureau of Indian Standards.


Electrical Inspector
Tirupur

Encl: Annexure containing List of Electrical Equipments (5 Page)

Copy to: Thiru. Kiruthika Electric Co., Coimbatore.

Copy to: The Superintending Engineer/TANGEDCO Ltd/TEDC/Tirupur

Copy submitted to: The Senior Electrical Inspector, Coimbatore.

Copy submitted to: The Chief Electrical Inspector to Govt/Chennai.

(With annexure)

(With annexure)

(With annexure)

(With annexure)

M/s, SAINMARKS INDUSTRIES (INDIA) PVT LTD .,
SF No:471/1AB ,471/2A3 , 471/3 , Peruntholuvu Village,
Ramagoundanpudur , Pollikalipalayam Post
Tirupur - 641 665

List of Equipments

A HV Installations

1 Outdoor 11KV HT VCB Panel

Installation of 11KV 630A TP 26.3KA Outdoor D.O type VCB Panel
CTR: 40/5-5A 3 O/C with EFR, Surge Arrester: 9KV, 10KA
Make / Sl.No: Pentagon Switch Gear Private Ltd / VB2039
Cable : 11KV 3C x 185 Sqmm HT XLPE Al. Ar.Cable from TANGEDCO DP Structure

2 Outdoor type Distribution Transformer with OLTC

Rating / Voltage : 630 KVA / 11KV / 433V
Make / Sl. No. SPS Transformers private Limited , SPS - 0508
Cable : 11KV, 3C x 185 Sqmm HT XLPE Al. Ar. cable from
Outdoor 11KV HT VCB Panel

OLTC

Make: On Load Gears
SL No: 47372

B) MV Installtions

1 Two Tier MV Panel

EB Incomer : 1600A FP 50KA EDO Type ACB / Sl No : Schneider / S1B69351)
with CTR: 1200 /5A, NCT:250/5A & EFR, Meterings etc.,
Gen I/C- 1 : 1000A FP 50KA EDO Type ACB
Outgoings : 630A FP MCCB - 3 Pair
: 400A FP MCCB - 6 Pair
: 250A FP MCCB - 1 Pair
: 630A TPN MCCB - 1 No

Both EB and DG Incomer are Mechanically interlocked with 2 Lock + One Key

All Outgoing pairs are Mechanically interlocked with 2 Lock + One Key

EB Busbar Size:

2R X 100 x 12mm Al. Flat / Ph
1R X 100 x 12mm Al. Flat for Ne

DG Busbar Size:

1R X 100 x 12mm Al. Flat / Ph
1R X 100 x 6mm Al. Flat for Ne

Cable: 4R x 3.5c x 400 Sq mm XLPE Al Ar cable from
630KVA Transformer to MV Panel



- 2 DG Set -1 (Acoustic Enclosure)
Rating/Voltage : 500 KVA / 415V
Engine
Make / Sl.No : Cummins India Ltd / 25460768 438KW
Alternator
Make / Sl.No : Stamford / N20L517589
- 3 DG Set -1. Control Panel -1
DG Set - 1 Control Panel - 1 with 800A FP ACB Fixed Type
CTs: 800/5a, NCT: 400 / 5A, EFR, Meterings etc.,
Cable : 3R X 3.5C x 400 Sqmm XLPE Al. Ar. Cable to MV Panel
- 4 SSB- 1
Incomer : 630A TPN MCCB
Outgoing : 400A TPN MCCB - 3 Nos
: 315A TPN MCCB - 1 No
Cable : 2R X 3.5C x 240 Sqmm XLPE Al. Ar. Cable from MV Panel
- 5 SSB- 1A
Incomer : 400A FP MCCB
Outgoing : 200A TPN MCCB - 3 Nos
: 125A TPN MCCB - 8 Nos
Cable : 3.5C x 240 Sqmm XLPE Al. Ar. Cable from SSB-1
- 6 AHPFC
Incomer : 630A TPN MCCB
Outgoing : 125A TPN MCCB with Capacitor Duty Contactor - 2 Nos
: 100A TPN MCCB with Capacitor Duty Contactor- 4 Nos
: (2 X 50 KVAR + 2 Nos X 33.33 KVar + 2 Nos x 16.66Kvar)
with reactor
Cable : 2Rx 3.5C x 400 Sqmm XLPE Al. Ar. Cable from MV Panel
- 7 MLSB
Incomer : 400A FP MCCB
Outgoing : 125A FP MCCB - 6 Nos
: 63A FP MCCB - 4 Nos
Cable : 3.5C X 400 Sqmm XLPE Al. Ar. Cable from MV Panel
- 8 VTPN DB 1 & 2 2 Nos Each
Incomer : 125 TPN MCCB
Outgoing : 32A TP MCB - 12 Nos
Cable : 3.5C X 50 Sqmm XLPE Al. Ar. Cable from SSB - 1 A



9 VTPN DB - 3

Incomer : 160 TPN MCCB

Outgoing : 32A TP MCB - 6 Nos

Cable : 3.5C X 95 Sqmm XLPE Al. Ar. Cable from MV Panel

10 UPS DB - 1

Incomer : 100A TPN MCCB

Sub Incomer : 32 A DP RCBO 30mA - 3 Nos

Outgoing : 16A SP MCB - 18 Nos

Cable : 3.5C x 25 Sqmm XLPE Al. Ar. Cable from 40KVA UPS

11 LSB - 1

Incomer : 125A TPN MCCB

Outgoing : 63A 4P MCB - 6 Nos

Cable : 3.5C x 50 Sqmm XLPE Al. Ar. Cable from MLSB

12 LDB 1 to 3

3 Nos Each

Incomer : 63A FP MCB

Sub Incomer: 25A DP RCBO 30mA - 3 Nos

Outgoing : 6/ SP MCB -12Nos

Cable : 4C X 16 Sq mm Al Ar Cable from LSB -1

13 LDB 4 & 5

2 Nos Each

Incomer : 63A FP MCB

Sub Incomer: 25A DP RCBO 30mA - 3 Nos

Outgoing : 6/ SP MCB -12Nos

Cable : 4C X 16 Sq mm Al Ar Cable from MLSB

14 LDB 6 & 7

2 Nos Each

Incomer : 63A FP MCB

Sub Incomer: 25A DP RCBO 30mA - 3 Nos

Outgoing : 6/ SP MCB -12Nos

Cable : 4C X 16 Sq mm Al Ar Cable from MLSB



15' PDB 1 & 2

2 Nos Each

Incomer : 125A FP MCCB

Sub Incomer: 100A DP MCCB - 3 Nos

Outgoing : 32 SP MCB -18Nos

Cable : 3.5C X 70 Sq mm Al Ar Cable from SSB - 1A

C List of MV / LV Equipments

SI No	Description	Quantity	Capacity in KW / KVA / HP	Voltage	Fed from
1	<u>Heat Chamber Tunnel -1</u>	1 No			SSB - 1
1.a	Heater	1 No	72KW	415V	
1.b	Cooling Fan	16 Nos Each	0.1KW	230V	
1.c	Motor 1-3	3 Nos Each	0.75KW	415V	
2	<u>Heat Chamber Tunnel -2</u>	1 No		415V	SSB - 1A
2.a	Heater	1 No	72KW	415v	
2.b	Cooling Fan	16 Nos Each	0.1KW	230V	
2.c	Motor 1 to 3	3 Nos Each	0.75KW	415V	
3	Heat Chamber Tunnel -3 & 4	2 Nos Each	25.0KW	415V	SSB - 1A
4	40 KVA UPS	1 No	40KVA	415V	SSB - 1A
5	A/C -1	1 No	15.0KW	415V	VTPNDB- 1
6	<u>Paper Cutting Machine</u>	1 No			VTPNDB- 1
6.a	Main Motor	1 No	4 KW	225V	
6.b	Motor -1	1 No	0.65KW	225V	
6.c	Motor -2	1 No	0.25KW	225V	
6.d	Isolation Transformer	1 No	30KVA	460-360/225 V	
7	Borewell Pump -1	1 No	7.5KW	415V	VTPNDB- 1
8	Screen Scrubber	1 No	0.37KW	415V	VTPN DB - 2
9	Powder Machine	1 No	3.0KW	415V	VTPN DB - 2
10	Borewell pump -2	1 No	7.5KW	415V	VTPN DB- 3
11	Cutting Machine	1 No	5.5KW	415V	VTPN DB- 3



12	<u>Phasing Machine</u>	1 No			VTPN DB- 3
12.a	Main Motor	1 No	5.5KW	415V	
12.b	Motor 1 & 2	2 Nos Each	0.18KW	415V	
13	Compressor - 1	1 No	11.0KW	415V	VTPN DB- 3
14	Screen Printing 1 to 5	5 Nos Each	1.5 KW	230V	PDB-1
15	Screen Expose 1 & 2	2 Nos Each	6 KW	230V	PDB-1
16	Cutting Folder 1 to 5	5 Nos Each	3.0KW	230V	PDB - 2
17	Rotary Printing 1 to 5	5 Nos Each	4.0KW	230V	PDB - 2
18	<u>Lighting load</u>				
a	Ground Floor	1 No	4.0KW	230V	LDB - 1
b	First Floor	1 No	4.0KW	230V	LDB - 2
c	Second Floor	1 No	4.0KW	230V	LDB - 3
e	Main Shed -1	1 No	4.0KW Each	230V	LDB - 4 & 5
f	Power House , Street Light	1 No	4.0KW	230V	LDB - 6
g	Office Building	1 No	4.0KW	230V	LDB - 7



[Signature]
ELECTRICAL INSPECTOR, 18/4/2024
TIRUPPUR.

Form A2

[See rule 5(1)]

Certificate of registration of captive generating plant.Registered No: **11275/GEN/LT/TPR/Dt:22/02**Date: **22 February 2021**

Registration is hereby granted to Thiru **M/s. SAINMARKS (INDIA) PVT LTD, SF NO: 471/1B, 471/2A3, 471/3, Peruntholuvu Village, Ramagoundanpudhur, Pollikalipalayam Post, Tirupur** for captive generating plants, the particulars of which are endorsed here under. This certificate is issued subject to the compliance with the conditions set out on the reverse and also to the continued compliance with the conditions set out under section **(5)** of the Tamil Nadu Tax on consumption or Sale of Electricity Act, 2003.

Generator has been installed at the location **SF NO: 471/1B, 471/2A3, 471/3, Peruntholuvu Village, Ramagoundanpudhur, Pollikalipalayam Post**

GNANAPRAGASAM JOSEPH
AM JOSEPH
AROCKIADOSS
Digitally signed by
GNANAPRAGASAM JOSEPH
AROCKIADOSS
Date: 2021.02.22 14:28:15
+05'30'

Electrical Inspector,
Government of Tamil Nadu.
Division: Tirupur
(Registering Authority)

Sl. No.	Manufacturer's Name	Manufacturer's SI.No.	Kilowatt or Kilovolt Ampere rating	Voltage	Direct Current or Alternating Current	Date of purchase or procurement	Date of Endorsement or Registration	Initial of Registering Authority
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	STAMFORD	N20L517589	500 KVA	415 Volts	AC	20 January 2021	22 February 2021	

All the captive generating plants owned by a particular person for installation at a particular location shall be registered under one certificate of registration *vide* sub-rule 3 of rule 5.

Conditions

1. Payment of tax dues shall be made regularly.
2. Registration Form B2 shall be maintained properly.
3. Monthly return in Form C2 shall be submitted regularly. If there is no consumption in any month, a nil return shall be submitted.
4. Intimation in writing shall be sent to the issuing authority atleast 7 days prior to the date of commencement of generation.
5. Metering arrangements shall be made in conformity with the provisions of rules 10 and 11 of Tamil Nadu Tax on Consumption or Sale of Electricity Rules, 2003.
6. Registration is liable to be cancelled if any material information furnished in connection with the registration is found to be incorrect subsequently.
7. The Certificate of Registration shall be valid for a period of three years.