



Government of India
Central Electricity Authority
Regional Inspectorial Organisation(South)
Block IV, Floor III, Shastri Bhawan, Chennai – 600 006



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PLANCELL

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No.78/P-574/4/2017-RIO/

Dated 28/04/2017.

To

Shri L M Shah,
M/s Grace Infrastructure Private Limited,
A 13 & 14, Industrial Estate,
Thattanchavady,
Puducherry – 605 009

Sub: Order under Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010.

Ref: 1. Your Online Application No .C/2017/00602 dated 13.03.2017
2. Our Letter No. 78/P-574/4/2017-RIO/87 dated 13.04.2017 (Inspection Report)
3. Your Letter No. GIPL/CEA-Comp./417 dated 22.04.2017 (Compliance Report)

The existing electrical installations as mentioned in our inspection report cited at Sl. No. 2 above, at **M/s Grace Infrastructure Private Limited (Formerly Leo Fasteners II), A 13 & 14, Industrial Estate, Thattanchavady, Puducherry – 605 009**, were inspected under **Regulation 30** of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010(as amended to date), by the undersigned on 04.04.2017. It is hereby acknowledged that your compliance letter, in response to our periodical electrical inspection report, was received and the same appears to be generally in order.


The next Inspection is due before 04.04.2019.


(MARY FRANCIS)
Deputy Director
For CEI to Govt. of India

Copy to:-

The Chief Engineer (EI), CEA, New Delhi – 110 066

CE, Regional Organisation
of South Region
Central Electricity Authority
Block IV, Chennai-600 006

 PS Wing, CEA, New Delhi	QUALITY SYSTEM QUALITY PLAN (IS/ISO 9001 : 2008 Clause 8.2.3)		Doc.No: PS/EI/QP/O2 Issue No: 03 Page: 3/11 Page Rev.No: 01 Effective Date: 20.02.2011
	Title: Quality Plan for Statutory Inspections of Electrical Installations under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric supply) Regulations, 2010		
Prepared by: C.E (EI)	Approved by: Member (PS)	Issued by: Nodal Officer	


Application for Statutory Periodical Inspection of the Electrical Installations under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 by the Electrical Inspector

Application Format
(Form -C)

(can be downloadaed from offical Website: cea.nic.in of Central Electricity Authority)

Note: Please read the Instructions prior to filling the Form.

- RIO: New Delhi / Mumbai / Chennai / Kolkata / Shillong : Chennai
(Please write the relevant as per area of jurisdiction)
- 1 Name of the Installation(s) : 1 No of 22 KV LBS, 500 KVA 22KV/433V
(type and brief details) Transformer, HT/LT Cables, MV Installations
320 KVA DG SET & loads.
- 2 Applicant: : **Mr.L.M.Shah, Managing Director**
(a) Name of Owner of Organization & Address **M/s.GRACE INFRASTRUCTURE PVT.LTD.,**
(Formerly Leo Fasteners - Unit II),
A 13 & 14, Industrial Estate,
Thattanchavady, Puducherry – 605009.
- (b) Name and Address of Concerned Officer **Mr.RAMALINGAM, Electrical Engineer**
(including Phone/Mobile/e-mail/Fax) **M/s.GRACE INFRASTRUCTURE PVT.LTD.,**
(Formerly Leo Fasteners - Unit II),
A 13 & 14, Industrial Estate,
Thattanchavady, Puducherry – 605009.
- 3 Whether all relevant provisions of CEA (Measures relating : Yes
to Safety and Electric Supply) Regulations, 2010 have
been duly complied with
- 4 Date of Receipt of Notice of Electrical Inspector for : NA
Inspection (write NA, if applied for inspection of his own)
- 5 Date(s) of last statutory inspection :
(a) Regulation 43/42 : 26-12-2005
(b) Regulation 30 : —
- 6 Whether all the observations/non-compliance raised in : Yes
last inspection have been duly complied with

	QUALITY SYSTEM QUALITY PLAN (IS/ISO 9001 : 2008 Clause 8.2.3)		Doc.No: PS/EI/QP/O2 Issue No: 03 Page: 3/11 Page Rev.No: 01 Effective Date: 20.02.2011
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Prepared by: C.E (EI)	Approved by: Member (PS)	Issued by: Nodal Officer	

7 Enclosures :
(Please tick, if enclosed)

(a) List of equipment (s) offered for inspection
(name, make, Sl.No, MW/KW, KVA, quantity)

(b) Single Line Diagram with Metering and protection

Signature of Owner/ Incharge of Installation *for: Grace Infrastructure Pvt. Ltd*

Designation

Address

Date

L.M. Shah

Managing Director

Note: One copy of the Application form for inspection of installations up to 220 KV shall be accompanied with list of equipments to be inspected, Copy of Electrical Contractor's License and Supervisor's Competency Certificate/Permit issued by Licensing Board and Work Completion Certificate (other enclosures not required) and the installations above 220 KV with all the enclosures shall be submitted to the Chief Electrical Inspector to the Govt. of India, Central Electricity Authority, Electrical Inspectorate Division, 6th Floor, Sewa Bhawan, R.K.Puram, New Delhi - 110066.

LIST OF EQUIPMENTS AT THE PERMISES OF
M/s.GRACE INFRASTRUCTURE PVT.LTD., (Formerly M/s.LEO FASTENERS - II)
A - 13 & 14, Industrial Estste, Thattanchavady, Puducherry.

- | | | |
|----------|--|--|
| 1 | LBS
Make : A . Bond Strands
SI.No : P2603
Rated voltage : 22KV
Rated current : 400A
Incoming Cable : 22 KV, 3C, 95 Sq.mm Ar.Alu XPLE Cable | 1 No

12 Mtrs |
| 2 | TRANSFORMER:
Make : Patson
SI.No : PN 4330
Rating : 500KVA
Rated voltage HT : 22000V; LT : 433V
Rated current HT : 13.12A; LT : 666.71A
Incoming Cable : 22 KV, 3C, 95 Sq.mm Ar.Alu XPLE Cable
Outgoing Cable : 4R, 3.5C, 240 Sq.mm Ar.Alu Cable | 1 No

10 Mts |
| 3 | DG SET
ENGINE :-
Make: Kirloskar
SI.No:KL6-4002/0400027
Capacity: 386 HP
RPM: 1500
ALTERNATOR :-
Make: Stamford
SI.No: 040 40225
Capacity: 380/320 KVA (DERATED - FOR HARMONICS LOADS)
Amps: 529/446 A (DERATED - FOR HARMONICS LOADS)
Volts: 415 V
Outgoing Cable : 1R, 3.5C, 400 Sq.mm Ar.Alu Cable | 1 No |
| 4 | MV PANEL
EB Incomer : 800A 4P ACB
DG Incomer : 1000A 4P MCCB | 1 No
Outgoing : 400A 4P FSU - 12 Nos
125A 4P FSU - 2 Nos |
| 5 | LT CAPACITOR BANK [25KVAR] | 2 Nos. |
| 6 | SSB - 1,2,3&4
Incoming : 250A FP FSU 1 No | 4 Nos
Outgoing : 125A FP MCCB 8 Nos |
| 7 | PDB 1 & 5 (8 Way)
Incoming : 63A FP MCCB 1 No

PDB 2 (8 Way)
Incoming : 80A FP MCCB 1 No

PDB 3 (8 Way)
Incoming : 100A FP MCCB 1 No

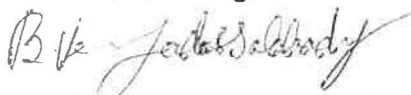
PDB 4 (12 Way)
Incoming : 100A FP MCCB 1 No | 2 Nos
Outgoing: 10/6A MCB TP - 8 Nos

1 No
Outgoing: 10/6A MCB TP - 8 Nos

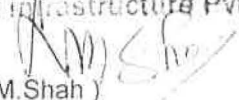
1 No
Outgoing: 10/6A MCB TP - 8 Nos

1 No
Outgoing: 16/10/6A MCB TP - 8 Nos |
| 8 | LDB
Incoming : 63A FP MCCB 1 No | 1 No
Outgoing: 6A MCB SP - 16 Nos |

For M/s.KMC Engineers


KMC ENGINEERS
 Grade - 'A' Electrical Contractor
 Lic. No:2/CA/99 VALID UPTO 31-1-18

For M/s.Grace Infrastructure Pvt.Ltd.,

(Formerly Leo Fasteners - II)
 Grace Infrastructure Pvt. Ltd.

 (L.M.Shah)
 L.M. Managing Director
 Managing Director

**DETAILS OF CONNECTED LOAD at the Premises of
M/s.GRACE INFRASTRUCTURE PVT. LTD.,
(Formerly Leo Fasteners - Unit II.),
A13&14, Industrial Estate, Thattanchavady,
Puducherry - 605009**

Sl. No.	Description of Machines	Capacity in KW	QTY	Total in KW
1	Forging Machine 11B	11.19	8	89.52
2	Forging Machine 14B	14.92	7	104.44
3	Forging Machine 17B	22.38	3	67.14
4	Screw compressor	29.85	1	29.85
5	Tapping Machine	1.37	1	1.37
6	Tapping Machine	1.17	3	3.51
7	Tapping Machine	1.25	1	1.25
8	Tapping Machine	0.40	1	0.40
9	Tapping Machine	1.04	1	1.04
10	Tapping Machine	2.24	8	17.92
11	Tapping Machine	2.48	3	7.44
12	Tapping Machine	2.61	3	7.83
13	Tapping Machine	4.18	4	16.72
14	Tapping Machine	7.46	3	22.38
15	Nut Cleaning Machine	1.68	1	1.68
16	Nut Cleaning Machine	1.63	1	1.63
17	Hoist	1.50	5	7.50
18	Water Pump	1.50	1	1.50
19	Oil Extracting M/c	1.90	2	3.80
20	Light Load			9.14
			TOTAL	396.06

Say 396 KW

For M/s. KMC ENGINEERS

B. V. Jaganmohan

KMC ENGINEERS
Grade - 'A' Electrical Contractor
Lic. No: 2/CA/96 VALID UPTO 31-1-18

For M/s. Grace Infrastructure Pvt. Ltd.,

(Formerly Leo Fasteners - Unit II),
for Grace Infrastructure Pvt. Ltd.

M. M. Shah
(M.M. Shah)
Managing Director

**NAME PLATE DETAILS OF MAJOR EQUIPMENTS at the premises of
M/s.GRACE INFRASTRUCTURE PVT. LTD., (Formerly Leo Fasteners - Unit II),
A13&14, Industrial Eastate, Thattanchavady, Puducherry - 605009**

Sl. No.	Description of	Make	S.No.	Capacity	Volt	Phase	Current
	Machines			in KW			
1	Transformer	Patson	P 4330	500 KVA		3	
2	22 KV LBS	A Bond Strands	P 2603		22KV	3	400 A
3	DG Set 320 KVA	Kirloskar	KL6-4002/0400027	320KVA			
4	Capacitor	Mammal	04K99	25KVAR			
5	Capacitor	Mammal	04K100	25KVAR			
6	Forging Machine 11B	Sanshing	5056466	11.19	415	3	
7	Forging Machine 11B	Sanshing	SNF 11B09002	11.19	415	3	
8	Forging Machine 11B	Sanshing	SNF 11B09003	11.19	415	3	
9	Forging Machine 11B	Sanshing	5055647	11.19	415	3	
10	Forging Machine 11B	Sanshing	SNF 11B09001	11.19	415	3	
11	Forging Machine 11B	Sanshing	SNF 11B12001	11.19	415	3	
12	Forging Machine 11B	Sanshing	SNF 11B09004	11.19	415	3	
13	Forging Machine 14B	Sanshing	6056889	14.92	415	3	
14	Forging Machine 14B	Sanshing	SNF14B11008	14.92	415	3	
15	Forging Machine 14B	Sanshing	SNF14B11006	14.92	415	3	
16	Forging Machine 14B	Sanshing	SNF14B11009	14.92	415	3	
17	Forging Machine 14B	Sanshing	6068093	14.92	415	3	
18	Forging Machine 14B	Sanshing	SNF14B11007	14.92	415	3	
19	Forging Machine 14B	Sanshing	SNF14B12003	14.92	415	3	
20	Forging Machine 17B	Chining	7551534	22.38	415	3	
21	Forging Machine 17B	Chining	7552355	22.38	415	3	
22	Forging Machine 17B	Chining	SNF17B12002	22.38	415	3	
23	Screw Compressor	Kaeser	3740	29.85	415	3	
24	Tapping Machine	Toolex	PFS4	1.37	415	3	
25	Tapping Machine	Toolex	PFS1	1.17	415	3	
26	Tapping Machine	Toolex	14B1	1.25	415	3	
27	Tapping Machine	Toolex	19B4	0.40	415	3	
28	Tapping Machine	Toolex	TXM4	1.17	415	3	
29	Tapping Machine	Toolex	S2	1.17	415	3	
30	Tapping Machine	Toolex	P4S4	1.04	415	3	
31	Tapping Machine	Auro	1476	2.24	415	3	
32	Tapping Machine	Auro	1477	2.24	415	3	
33	Tapping Machine	Auro	1478	2.24	415	3	
34	Tapping Machine	Auro	1479	2.24	415	3	
35	Tapping Machine	Auro	1480	2.24	415	3	
36	Tapping Machine	Auro	1481	2.24	415	3	
37	Tapping Machine	Auro	1482	2.24	415	3	
38	Tapping Machine	Auro	1483	2.24	415	3	
39	Tapping Machine	Auro	1455	2.48	415	3	
40	Tapping Machine	Auro	2203	2.48	415	3	
41	Tapping Machine	Auro	2205	2.48	415	3	
42	Tapping Machine	Auro	PFS3	2.61	415	3	
43	Tapping Machine	Auro	2254	2.61	415	3	
44	Tapping Machine	Auro	PFS6	2.61	415	3	

I. Nō.	Description of Machines	Make	S.No.	Capacity in KW	Volt	Phase	Current
45	Tapping Machine	Auro	1462	4.18	415	3	
46	Tapping Machine	Auro	P4S4	4.18	415	3	
47	Tapping Machine	Auro	1441	4.18	415	3	
48	Tapping Machine	Auro	3002	7.46	415	3	
49	Tapping Machine	Auro	2202	7.46	415	3	
50	Tapping Machine	Auro	2205	7.46	415	3	
51	Hoist	HAFa	AH 2988	1.50	415	3	
52	Hoist	HAFa	AH 2979	1.50	415	3	
53	Hoist	HAFa	AH 2912	1.50	415	3	
54	Hoist	HAFa	AH 2983	1.50	415	3	
55	Hoist	HAFa	AH 2976	1.50	415	3	

For M/s.KMC ENGINEERS

B. V. Jindal Salhady

KMC ENGINEERS
Grade - 'A' Electrical Contractor
Lic. No:2/CA/86 VALID UPTO 31-1-18

For M/s.Grace Infrastructure Pvt. Ltd.,

(Formerly Leo Fasteners - Unit II),
Grace Infrastructure Pvt. Ltd.

L.M. Shah
L.M. Shah
Managing Director
Managing Director