

The Chief Engineer / PD&C,
DHBVNL, Hisar.

Memo No. R-1463/Ch-16/NCR/GRG-635

Dated: 02.09.2017

"Subject - Connectivity of load to M/s Landscape Structures Pvt. Ltd., Sector-72, Gurugram vide A&A No. 33457/HT/BS-DS with S/L 9400 KW or 10444KVA against ultimate load of 13421KW or 14912KVA with 33 KV independent feeder.

Please refer to SE/TS, HVPNL, Gurgaon memo no. Ch-92/TSG-162 dated 28.12.2016 enclosing a memorandum regarding Connectivity of load to M/s Landscape Structures Pvt. Ltd., Sector-72, Gurugram vide A&A No. 33457/HT/BS-DS with S/L 9400 KW or 10444KVA against ultimate load of 13421KW or 14912KVA with 33 KV independent feeder.

The WUDs, HVPNL, has been considered the memorandum and approved as under.

Sr.	Description	Code
1	To provide connectivity to M/s Landscape Structures Pvt. Ltd., Sector-72, Gurugram for the load demand of 9400 KW or 10444KVA against ultimate load of 13421KW or 14912KVA on 33 kV level to be fed from 220 kV substation Sector-72, Gurugram.	
	<u>Note:</u> 1. The charges involved for releasing the connection will be payable by M/s Landscape Structures Pvt. Ltd., Sector-72, Gurugram as per Haryana Electricity Regulatory Commission (Duty to supply electricity on request, Power to recover expenditure incurred in providing supply and Power to require security) Regulations, 2016 dated July 19, 2016. 2. M/s Landscape Structures Pvt. Ltd., Sector-72, Gurugram shall submit an undertaking with DHBVNL & HVPNL to the effect that any cost chargeable from them (if worked out later on), shall be paid by them within 15 days from the date of issue of such demand by DHBVNL or HVPNL. 3. M/s Landscape Structures Pvt. Ltd., Sector-72, Gurugram, shall adhere to the undertaking submitted by them that "If at any time in future, the load of 100 MVA, 220/33 KV T-3 reaches to 80% of its rated capacity, then the consumer shall shift its entire load on 100 MVA, 220/33 KV T-4 transformer. In that scenario, if the cost of GIS bay of 220/33 KV T-4 T/F to be constructed by HVPNL is higher as compared to 33 KV bay to be constructed presently by consumer on back to back basis on 220/33 KV T-3 T/F under self-execution, then the difference of cost between bays along with entire cost of shifting shall be borne by the consumer." 4. The equipment's thus spared in lieu of undertaking as per Sr. No-3 above, shall remain the property of HVPNL.	
2	To allow creation of one no. 33kV outgoing bay at 220kV Substation Sector-72, Gurgaon under self execution scheme to M/s Landscape Structures Pvt. Ltd., Sector-72, Gurugram through back to back arrangement in the back of existing 2 nd 33 KV sub-station Transformer.	
	<u>Note:</u> 1. The firm will enter into tripartite agreement with HVPNL & DHBVNL for construction of substation/bays/feeder by them & deposit all applicable supervision/ Service-connection charges / deposit cost charges before commencement of work.	

2. The firm will carry out the work of required metering equipment along with CTS of matching capacity as per sanctioned load/contract demand at sending end and receiving ends (optional) of respective 220/33kV Substation in line with the specification & design requirements of DHBVN & HVPNL.

3. The consumer shall seek all mandatory approvals necessitated prior & post execution of work from respective authorities of HVPNL, civic bodies, other agencies and of Chief Electrical Inspector, Haryana.

4. The firm will adhere guidelines in respect of self-execution of deposit as per Dy Secy (OP) HVPNL, Panchkula vide memo no Ch 17/Dt. 14. 25.04.2012

This issues with the approval of WTDs HVPNL on NP-7 to 9 of file no. HVPNL/...

Chief Engineer/TS, HVPNL, Panchkula

Copy to:

1. The Chief Engineer/Operation, DHBVN, Delhi.
2. The Chief Engineer/ MM, HVPNL, Panchkula.
3. The Chief Engineer/ TS, HVPNL, Hisar
4. Controller of Finance, HVPNL, Panchkula.
5. The Superintending Engineer/ TS, HVPNL, Gurgaon
6. The Superintending Engineer/ MM I, HVPNL, Panchkula
7. The Superintending Engineer/ MM II, HVPNL, Panchkula
8. The Superintending Engineer/ Design, HVPNL, Panchkula
9. The Superintending Engineer / Civil Design, HVPNL, Panchkula
10. The Superintending Engineer/ Planning, HVPNL, Panchkula.
11. The Superintending Engineer/ NCR Planning, HVPNL, Gurgaon
12. The Superintending Engineer/Operation, DHBVN, Gurgaon.
13. Deputy Secretary/Projects, HVPNL, Panchkula
14. Deputy Secretary/Operation, HVPNL, Panchkula
15. Executive Engineer/System Study, HVPNL, Panchkula..
16. Executive Engineer/TS, HVPNL, Gurgaon
17. S.P.S. to MD, HVPNL, Panchkula for information of worthy Managing Director, HVPNL please
18. S.P.S. to MD, DHBVN, Hisar for information of worthy Managing Director, DHBVN please
19. P.S. to Director/Tech., HVPNL, Panchkula for information of Director/Technical, HVPNL, Panchkula please.
20. P.S. to Director/Projects., HVPNL, Panchkula for information of Director/Projects, HVPNL, Panchkula please
21. P.S. to Director/Projects, DHBVN, Hisar for information of Director/Projects, DHBVN, Hisar please
22. Under Secy. (Meeting Section), HVPNL, Panchkula
23. List of works of HVPNL.



DAKSHIN HARYANA BIJLI VITRAN NIGAM

(A Government of Haryana Undertaking)
Office of the gmot

Superintending Engineer 'OP' Circle
Mehrauli Road, Gurgaon.



0124-2322427

Fax
No.

0124-2306590

e-mail se.gurgaon@gmail.com

To:

✓ M/s Landscape Structure Pvt. Ltd.
Sector-72, Gurgaon.

Memo No. Ch. 17 /PC-GC-920/SU

Dated: 01/02/2016

Sub:

Sanction of 9400 KW against ultimate load 13421 KW or 14912 KVA 33 KV level from 100 MVA 220 / 33 KV Power Transformer T-3 at 220 KV S/Stn. Sector-72.

The subject cited case was submitted to the Chief Engineer/Commercial DHBVN, Hisar for approval of forthcoming technical feasibility meeting. The following observations have been raised which may be attended to on top priority basis for approval of the competent authority :-

1. Electrical layout with required infrastructure to be laid may be depicted in the approved DTCP drawing.
2. The land for the S/Stn. / switching S/Stn. may be earmarked as per P&D instructions 9/2011 & an undertaking be submitted that land shall not be diverted for any other use.
3. Total Installed capacity of DTs & infrastructure to be laid should be commensurate with ultimate load.
4. Loading of distribution T/Fs and Size of underground cables may be shown. In addition to the above, the developer has submitted Bg for 33kV line in installments which should be got deposited in one go.

Superintending Engineer
'OP' Circle DHBVN, Gurgaon

C.C.to: -

- 1- The XEN S/U 'OP' Divn. DHBVN, Gurgaon.
- 2- The SDO 'OP' S/Divn. DHBVN, Badshahpur.

} For immediate necessary action.

From

Director,
Haryana Fire Service, Haryana,
Panchkula.

To

M/s Tata Housing Development Co. Ltd.,
3, Ground Floor, Naurang House, 21, KG Marg,
New Delhi- 110001.

No. DFS/FA/2016/320/
Dated:

26/40
11/3/16

Subject:

No Objection Certificate from the fire safety point of view of the Group Housing named The Primanti for Block E Villa Type-1 & 2 (58 Nos.), Executive Floors Type-1 (10 Nos.), Executive Apartments Type-1 (4 Nos.) with Basement Block-A Tower 3 & 4, Community Building with Part Basement area 13585 sq. mtrs (Level 1 & Level 2 each), Executive Floors Type- 1 (Nos. 11 to 15) & Executive Apts Type-1 (Nos. 5 to 6) except basement & EWS-2 at Village- Fazilpur Jharsa, Sector-72, Gurgaon of M/s Tata Housing Development Co. Ltd.

Reference to CFC, MCG No- 201511263877 Dated- 26/11/2015 on the subject cited above.

2. In view of the satisfactory fire protection system/arrangement mentioned as above, this office has No objection for occupation of Building from the Fire Safety point of view, with the following conditions:-

1. The owner/occupier shall keep duly trained Fire Staff in all three shifts.
2. The Fire Protection System tested during inspection shall be maintained properly & always should be in good working condition.
3. If any lapse is found in the fire protection system at the time of inspection or detected during outbreak of fire, action will be taken as per rules against you.
4. You are directed to apply for NOC in future before 2 month of expiry of your NOC with information enclosed Performa.
5. The open set back area is not checked at our end as it shall be checked by concerned building authority/department.
6. The owner/occupier shall strictly follow the other applicable rules/ regulations/ byelaws laid down regarding fire safety system. If you fail to comply with any of the above terms & conditions you will be liable to be punished as per Fire Act 2009 specially chapter- III Section 31 Sub-Section 1 & 2 of Fire Act 2009.
7. You have to perform quarterly Fire Drill in your building as per NBC with intimation to Fire Department and video graphy evidence to be kept as a record which shall be produced at the time of next Renewal; Students/Staff should be mentioned in the drill.
8. If the Infringements of Byelaws remains un- noticed the Authority reserves the right to amend the NOC as and when any such Infringements comes to notice after giving an opportunity of being heard and the Authority shall stand Indemnified against any claim on this account.
9. NOC granted subject to condition that there is no violation in sanctioned building plan by virtue of which fire fighting scheme was approved.

The above NOC is valid for only one year from the date of issue of this letter Applying renewal of the same well in time shall be the responsibility of owner/occupier.

01/4/16
Fire Officer (HQ)
for Director, Fire Service Haryana,
Panchkula

Endst. No- DFS/FA/2016/320/

Dated:

A copy if forwarded to the Sr. Fire Station Officer, Municipal Corporation, Gurgaon for information and necessary action w.r.t his Memo FS/MCG/2016/529 Dated- 29/02/2016.

sd
Fire Officer (HQ)
for Director, Fire Service Haryana,
Panchkula.

From

Executive Engineer,
Electrical Inspectorate, Haryana,
Block C-2, Sushant Lok-I,
Huda Primary School Building,
Gurugram.

To

M/s Landscape Structures Pvt. Ltd.
C/o M/s Tata Housing Development Company Ltd.
At Primanti G.H Project
Vill. Fazilpur Jharsa, Sector-72, Gurugram.

Memo No: 2283


Dated: 18/8/2016

Subject: Inspection of installation comprising of 3x500 KVA D.G Sets installed in Primanti G.H Project, Gurugram.

The subject cited installation was inspected by the undersigned on 18.08.2016 to ascertain the compliance of the relevant provisions of Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2010 and found generally complying with the relevant provisions of the Regulations. Approval for energisation of the same is hereby accorded.

Consistent compliance of the relevant provisions of CEA Regulations, 2010 be ensured in the installation at your end. Please note that it shall be the responsibility of the owner of electrical installations to maintain and operate the installations in a condition free from danger and as recommended by the manufacturer or by the relevant code of practice of the Bureau of Indian Standards.

You are further advised to install the energy meter to read the energy generated and send the monthly statement of the units generated from you DG Sets to this department.


(Er. Manoj Kumar)
Executive Engineer
Electrical Inspectorate, Haryana,
Huda Primary School Building,
Block C-2, Sushant Lok-I, Gurugram



HARYANA VIDYUT PRASARAN NIGAM LTD.

(A GOVT. OF HARYANA UNDERTAKING)

Office of the Senior Substation Engineer

220kV S/Sm Sec 72 HVPNL Gurgaon

Ph. - 9315128794, E-Mail: sse220.vsec72@hvpnl.com

**From:- SSE 220kV Sub Station
Sec-72 HVPNL, Gurgaon**

**To:- Site Manager,
Tata Group Housing
Sec 72 Gurgaon.**

Memo no: 160

Date: 04/08/16

Subject: Risk of Equipment damage and power supply failure at 220kV Substation HVPNL, Sec 72 Gurgaon.

As you are constructing residential tower of about 35 stories at Sec 72 Gurgaon just side by 220kV Substation HVPNL, Sec 72 Gurgaon, in this regard hereby wants to bring in your kind notice that due to this construction site the objects like dirt, cloths, polythene, plastic bags, paper bags, ropes etc. are throwing from top of your site. These objects may create short circuit in the switchyard which may damage the costlier equipment and interrupts the continuity of supply. This substation is feeding supply to important public offices like Haryana and DMRC which may disturb due to supply failure.

So you are requested to instruct the workmen's don't throw such objects or protection for such act should be done at the earliest. Otherwise the damage will be irreparable. It is for your kind information and necessary action please.

**SSE 220kV Sub Station
Sec-72 HVPNL, Gurgaon**

Copy to:

Executive Engineer, TS Division HVPNL, Gurgaon: for info and necessary action please.



HARYANA VIDYUT PRASARAN NIGAM LTD

(A GOVT. OF HARYANA UNDERTAKING)

Office of the Senior Substation Engineer,

220kV S/Stn Sec 72 HVPNL Gurugram

Ph. - 9315128794 E-Mail: sse220kvsector72@gmail.com

28/02/17

To: Site Manager,
Parmanti, Tata Group Housing
Sec 72 Gurugram

REMINDER-1

Memo no: Sec47/ 10

Date: 16.02.17

Subject: Risk of Equipment damage and power supply failure at 220kV Substation HVPNL Sec 72 Gurugram.

Please refer this office memo no 160 dated 04.08.16, As you are constructing residential towers of about 35 stories at Sec 72 Gurgaon just side by 220kV Substation HVPNL Sec 72 Gurugram, undersigned hereby wants to bring in your kind notice that due to this construction site the objects i.e. dirty cloths, polythene, plastic bags, paper bags, ropes etc. are throwing from top of your site. These kind of objects create short circuit in the switchyard which result in damage the costlier equipment's and also interrupts the continuity of supply. This substation is feeding supply to important public offices, industries, lakhs of consumers and DMRC which may disturb due to supply failure. So you are requested to instruct the workmen's don't through such objects or protection for such act should be done at the earliest, otherwise the loss directly or indirectly will be recovered from you. **Matter Most Urgent please.**


SSE

220kV Sub Station
Sec-72 HVPNL Gurugram

Copy to:

Executive Engineer, TS Division HVPNL Gurugram: for information and necessary action please.

DG NOC 3 x 500 KVA

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From

Executive Engineer,
Electrical Inspectorate, Haryana,
Block C-2, Sushant Lok-I,
Huda Primary School Building,
Gurugram.

To

M/s Landscape Structures Pvt. Ltd.
C/o M/s Tata Housing Development Company Ltd.
At Primanti G.H Project
Vill. Fazilpur Jharsa, Sector-72, Gurugram.

Memo No: 2283

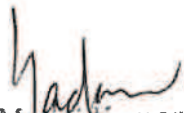
Dated: 18/8/2016

Subject: Inspection of installation comprising of 3x500 KVA D.G Sets installed in Primanti G.H Project, Gurugram.

The subject cited installation was inspected by the undersigned on 18.08.2016 to ascertain the compliance of the relevant provisions of Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2010 and found generally complying with the relevant provisions of the Regulations. Approval for energisation of the same is hereby accorded.

Consistent compliance of the relevant provisions of CEA Regulations, 2010 be ensured in the installation at your end. Please note that it shall be the responsibility of the owner of electrical installations to maintain and operate the installations in a condition free from danger and as recommended by the manufacturer or by the relevant code of practice of the Bureau of Indian Standards.

You are further advised to install the energy meter to read the energy generated and send the monthly statement of the units generated from you DG Sets to this department.


(Er. Manoj Kumar)
Executive Engineer
Electrical Inspectorate, Haryana,
Huda Primary School Building
Block C-2, Sushant Lok-I, Gurugram

NOC for laying of 33 KV feeder line

OFFICE OF THE EXECUTIVE ENGINEER HUDA ELECT. DIVN. GURGAON

To,

M/s Landscape structure Pvt. Ltd.
Sector—72 Gurgaon.


Memo No. 6027

Dated: 26/9/16

Sub:- APPROVAL FOR LAYING OF UNDERGROUND 33KV INDEPENDENT FEEDER WITH XLPE CABLE FROM 220 KV SUB STATION SECTOR - 72 TO YOUR SITE AT SECTOR-72 GURGAON

Ref:- Your office letter dt. 9-9-2016

1. In this regard, you are allowed to carry out work of laying of 33 KV underground XLPE cable with trenchless technology from 220 KV sub station sector - 72 to M/s Landscape structure Pvt. Ltd. sector - 72 as per route plane approved by DHBVN with following conditions.
2. 33KV under ground cable will be laid strictly in the ROW reserved for laying of electric line in HUDA road cross section after taking demarcation from concerned J.E./SDE (Electrical Division) HUDA Gurgaon.
3. If any road cut is required during execution of your work you will take separate permission from concerned Civil Division of HUDA.
4. The ownership of land will always remain with HUDA.
5. If the 33KV under ground cable laid by you, creates hindrance in future development i.e. widening of roads, laying of water/sewer line and other public amenities. The 33KV under ground cable will be got shifted by you at your own cost.
6. The under ground line will be shifted by you within 15 days after receipt of notice after that HUDA will not be responsible for any kind of damage / breakage during development work of HUDA, after expiry of time granted to you.
7. You will ensure that no damage is done to the existing services while execution work. If any damage occurs to existing services you will set it right immediately at your own cost.
8. It may be ensured that no any traffic hindrances will be created by you during execution of works.
9. The 33KV underground cable should be laid strictly as per DHBVNL specification.


Executive Engineer
HUDA Elect. Divn.
Gurgaon.

11/0.433 KV TRANSFORMERS NOC

Name of Firm - M/s Land Scape structure Pvt Ltd
(Project Perimanti) Sector 72 Gurgaon.

Detail of Installation: - 2X 2000 KVA x 2X 1200 and 2X 1000 KVA
(11/0.433 KV) T/F connected through 11KV U/G XLPE cable
Approx. 2 KM.

Schedule IV
FORM III
(Installations of voltage exceeding 650V)

Report No. 2

Date self-certification by owner 20-4-2016

Date of Last inspection or self-certification New

Sl. No.	Regulation Nos.	Requirements	Report
1.	Regulation-3	Is the register of the designated persons properly made and kept up to date duly attested?	Yes/No
2.	Regulation-12	<p>(i) Is/Are there any visible sign(s) of overloading in respect of any apparatus? Yes/No</p> <p>(ii) Whether any unauthorized temporary installation exist? Yes/No</p> <p>(iii) Whether the motors and controlling equipment are being over hauled periodically and record kept of the same in a register? Yes/No</p> <p>(iv) Whether the transformer oil samples are being tested periodically and results recorded in a register? Yes/No</p> <p>(v) Whether suitable lightning arrestors have been provided near the transformers for protection against lightning? Yes/No</p> <p>(vi) Whether earth resistance is being measured periodically and results recorded in a register? Yes/No</p> <p>(vii) Any other defect or condition which may be a source of danger. If Yes please explain? Yes/No</p> <p>(viii) Whether operation and maintenance data has been clarified, categorized and computerized for prompt and easy retrieval? Yes/No</p> <p>(ix) Whether predictive maintenance is being performed for installation of voltage exceeding 650V? Yes/No</p> <p>(x) Whether residual life assessment and life extension programmes are being undertaken for installations or equipment of voltage exceeding 650V (applicable for installations or equipment more than 15 years old)? Yes/No</p> <p>(xi) Whether all required type and routine tests at factory done for equipments. Deficiencies and Discrepancies in above test report and results, if any, shall be reported? Yes/No</p> <p>(xii) Are there deficiencies in construction with reference to Indian Standard requirements. Please specify. Yes/No</p>	
3	Regulation-13	Give report on condition of service lines, cables, wires, apparatus and such other fittings placed by the supplier or owner of the premises. If not satisfactory give details.	Satisfactory/Not Satisfactory
4	Regulation-14	Whether suitable cut-outs provided by the supplier at the consumer's premises are within enclosed fire proof receptacle?	Yes/No
5	Regulation-15	<p>(i) Whether switches are provided on live conductors? Yes/No</p> <p>(ii) Whether indication of a permanent nature is provided as per Regulation so as to distinguish neutral conductor from the live conductor? Yes/No</p> <p>(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</p>	

6	Regulation-16	(i) Whether earthed terminal is provided by the supplier? (ii) General visible condition of the earthing arrangement.	Yes/ No Satisfactory/Not Satisfactory.
7	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
8	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
9	Regulation-19	(i) Whether the practice of working on live lines and apparatus is adopted? If so, have the safety measure been adopted as per Schedule-III? (ii) Whether insulating floor or mats conforming to IS-15652:2006 have been provided? 14. (iii) Whether identification of panel has been provide on the front and the rear of the panel?	Yes/ No Yes/ No Yes/ No
10	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
11	Regulation-22	State the condition of metallic coverings provided for various conductors.	Satisfactory/Not Satisfactory.
12	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
13	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
14	Regulation-27	(i) In the case of generating stations and enclosed sub 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? (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
15	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
16	Regulation-34	Leakage on premises: State insulation resistance between conductors and earth in Mega Ohms.	2.0 M Ohms
17	Regulation-35	(i) Whether a suitable linked switch, or circuit breaker, or emergency tripping device is placed near the point of	Yes/ No

		<p>commencement of supply so as to be readily accessible and capable of being easily operated to completely isolate the supply?</p> <p>(ii) Whether suitable linked switch or a circuit breaker to carry and break the full load current on the secondary side of a transformer?</p> <p>(iii) Whether every distinct circuit is protected against excess electricity by means of a suitable circuit breaker or cut-out?</p> <p>(iv) Whether linked switch or circuit breaker or emergency tripping device is provided near the motor or other apparatus at voltage exceeding 650V but not exceeding 33KV for controlling supply to the motor or apparatus?</p> <p>(v) Whether adequate precautions are taken to ensure that no live parts are so exposed as to cause danger?</p>	<p>Yes/No</p> <p>Yes/No</p> <p>Yes/No</p> <p>Yes/No</p>
18	Regulation-37	<p>(i) Whether clear space of 100cm is provided in front of the main switchboard?</p> <p>(ii) Whether the space behind the switchboard exceeds 75cm in width or is less than 20cm?</p> <p>(iii) In case the clear space behind the switchboard exceeds 75cm. State whether a passage way from either end of the switchboard to a height of 1.80 meters is provided.</p>	<p>Yes/No</p> <p>Yes/No</p> <p>Yes/No</p>
19	Regulation-44	<p>(i) Whether all conductors and apparatus including live parts thereof are inaccessible?</p> <p>(ii) Whether all windings of motors or other apparatus are suitably protected?</p> <p>(iii) State in case of transformers or reactors or switches or static condensers involving the use of more than 2,000 litres of oil in one chamber, if suitable oil soak pits are provided?</p> <p>(iv) Where 9,000 litres or more of oil is used in any one oil tank, has provision, been made for draining away or removal of oil which may leak or escape from such tank (s)?</p> <p>(v) Whether trenches inside sub-station containing cables are filled with non-inflammable material or completely covered with non-inflammable slabs?</p> <p>(vi) Are conductors and apparatus so arranged that they may be made dead in sections for carrying out work thereon?</p>	<p>Yes/No</p> <p>Yes/No</p> <p>Yes/No</p> <p>Yes/No</p> <p>Yes/No</p> <p>Yes/No</p>
20	Regulation-45	Whether protections and interlocks have been provided? If not, give details.	Yes/No
21	Regulation-48	<p>(i) Have the frames of every generator, stationary motor, and so far as practicable portable motor and metallic parts not intended as conductors of all transformers and any other apparatus used for regulating or controlling electricity and all electricity consuming apparatus at voltage exceeding 650V but not exceeding 33kv been earthed by two separate and distinct connections with earth?</p> <p>(ii) Is the earth wire free from any mechanical damage?</p>	<p>Yes/No</p> <p>Yes/No</p>

		(iii) Has the neutral point at the transformer and generator been earthed by two separate and distinct connections with earth?	Yes/No
		(iv) 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 connections throughout their whole length?	Yes/No
		(v) Whether earthing has been properly executed and has been tested. If yes, give value of earth resistance.	Yes/No 6.2 k Ohms
22.	Regulation-49	Is the outdoor (except pole type) sub-station efficiently protected by fencing not less than 1.8 metres in height?	Yes/No
23	Regulation-50	(i) Where platform type construction is used for pole type sub-station, has sufficient space for a man to stand on the platform been provided?	Yes/No
		(ii) Has hand-rail been provided and connected with earth (if metallic and if sub-station has not been erected on wooden supports and wooden platform)?	Yes/No
24	Regulation-51	Has suitable provision been made for immediate and automatic or manual discharge of every static condenser on disconnection of supply?	Yes/No
25	Overhead Lines	(i) What is the minimum size of the conductors of overhead lines used? State the type of conductors.	Size of Conductor 50mm ²
		(ii) Whether clearances above ground of the lowest conductor of overhead lines are as per regulation 58?	Yes/No
		(iii) On the basis of maximum sag, Whether vertical clearances where the line of voltage exceeding 650V passes above or adjacent to any building or part of a building are as per regulation 61?	Yes/No
		(iv) On the basis of maximum deflection due to wind pressure, whether horizontal clearances between the nearest conductor and any part of such building are as per regulation 61?	Yes/No
		(v) Where conductors forming parts of system at different voltages are erected on the same supports, whether adequate provision has been made as per regulation 62 to guard against danger to line men and others from the lower voltage system being charged above its normal working voltage by leakage from or contact with the higher voltage system?	Yes/No
		(vi) Where overhead lines cross or are in proximity to each other whether they have been suitably protected to guard against possibility of their coming in contact with each other as per regulation 69?	Yes/No
		(vii) Has every guard wire been properly earthed as per regulation 70 at each point at which its electrical continuity is broken?	Yes/No
		(viii) (a) Whether metal supports of overhead lines and metallic fittings attached thereto are permanently earthed as per regulation 72?	Yes/No

		(b) Has each stay-wire (except in case where an insulator has been placed in it at a height not less than 3 meters from the ground) been earthed as per regulation 72?	Yes/No
	(ix)	(a) Whether overhead line is suitably protected with a device for rendering the line electrically harmless in case it breaks as per regulation 73?	Yes/No
		(b) Whether anti-climbing devices have been provided at each support as per regulation 73?	Yes/No
	(x)	(a) Has the owner of overhead lines adopted efficient means for diverting to earth any electrical surges due to lightning in every overhead line which is so exposed as to be liable to injury from lightning as per regulation 74?	Yes/No
		(b) Whether earth lead from the lightning arrestors is connected to a separate earth electrode as per regulation 74?	Yes/No
	(xi)	Whether unused overhead lines are maintained in a safe mechanical condition as per regulation 75?	Yes/No
	(xii)	Whether statutory clearances from Authorities i.e. Forest Department/ Railways/ PTCC/ Defence (AHQ)/ Civil Aviation have been taken as per Indian standard. If yes, enclose copies of the same.	
	(xiii)	Any other remarks.	

Date: 20-4-2016

Date: 20-4-2016

Signatures of Chartered Electrical Safety Engineer

Authorisation order No. _____ Dated: _____

Name: _____
Chartered Electrical Safety Engineer
Registration No. EP4-4157 Dated the 18th March 2016

Signatures of self-certifying supplier or owner

Name _____

Designation _____

File No. _____

Copy forwarded to Chief Electrical Inspector/ Electrical Inspector for Chandigarh

TRANSFORMER NOC

2 Nos. X 6300 KVA

From

The Chief Electrical Inspector
to Govt., Haryana, Chandigarh.

To

✓ M/s Land Scape Structure Pvt. Ltd.,
Sector-72, Gurgaon.

Memo No. 10418

Dated: 14-3-2016

Subject. Inspection of 2x6300 KVA 33/11 KV Transformers at M/s Land Scape Structure Pvt. Ltd., Sector-72, Gurgaon.

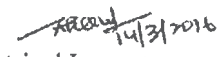
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The subject cited installation was inspected by this department on 12.03.2016 and the same was found generally complying with the relevant provisions of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010 except following observations which should be attended under intimation to this office:-

1. Insulating mats conforming to IS:15652:2006 of appropriate voltage level be provided in front of the all panels.
2. Fencing of height 1.8m be provided around the T/Fs.
3. Route markers be provided on the route of 33KV underground cable.

Approval for energization of the subject cited installation is hereby accorded subject to consistent compliance of the relevant provisions of CEA Regulations 2010 in the installation at your end. Please note that it shall be the responsibility of the owner of electrical installations to maintain and operate the installations in a condition free from danger and as recommended by the manufacturer or by the relevant code of practice of the Bureau of Indian Standards.

Your next inspection shall fall due in the month of March every year. You are therefore requested to deposit inspection fees as per schedule under the Head of A/c "0043—Taxes and Duties on Electricity Fees payable under I.E. Rules 1956 and send the original receipted treasury challan to this office one month before the due date.


Chief Electrical Inspector
to Govt., Haryana, Chandigarh.

CC: The SDO 'OP' Sub Division ,DHBVN , Badshahpur, District- Gurgaon.

From

The Chief Electrical Inspector
to Govt., Haryana, Chandigarh.

To

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Sector-72, Gurgaon.

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