

Government of Karnataka  
(Electrical Inspectorate)

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ವಿದ್ಯುತ್ ಇಲಾಖೆ

Telephone No: 080-26608683  
Mob: 9845894632

Deputy Chief Electrical Inspector, Bengaluru South,  
Office of  
The Addl. Chief Electrical Inspector, Bengaluru South,  
No.53/2, 2<sup>nd</sup> Floor, Behind Sri. NijagunaKshetra,  
Bull Temple Road, Basavanagudi,  
Bengaluru-560 019.

Lt. No:- ACEI/BS/DCEI/AEI(2)/F-124/  
To,

782

/2023-2024

Date. 22 JUN 2023

The Principal,  
M/s. K. S Institute of Technology,  
No.14, Raghuvanahalli,  
Kanakapura Main Road,  
Bengaluru-560062.

NOTICE

Sir,

**Sub:** Non-compliance of the Defect Notice issued during the periodical inspection of HT, DG Sets, Lifts, Escalators, MSB & X-ray installations at your Building premises bearing RR No: S5HT-32 Reg.

**Ref:** T.O. Lt. No: ACEI/BS/DCEI/AEI(2)/F-585/Camp/2023-2024 Dt.20/12/2022 ----communicating the observations.

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Apropos to the above, the periodical inspection of 1x250KVA, 11KV/433V HT Transformer, (1x250+125)kVA, 415V, DG Set, 2No. of Lift, 3Block of Multi-stored Building installations were carried out and a defect notice was issued by the undersigned vide this office letter cited under reference (1) as per Regulation No.30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010. You were requested to Pay the Periodical Inspection fees of Rs.23,400/- + 20,400/- (Hostel Fees) and submit the item-war compliance report through a valid Government Licensed Electrical Contractor within the stipulated time. But there is no response from your end till this date.

Hence you are hereby reminded once again to comply with Regulation No.30 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010. Within SEVEN DAYS from the date of this Notice, failing which your Electrical installation is liable for penalization. Notwithstanding, power supply arranged by the BESCOM Authorities to your electrical installation will be got disconnected by the concerned, without further correspondence in this regard. You are requested to remit the inspection charges by E-Challan for which procedure adopted is shown in the back page.

**NOTE:** Item-war compliance report of LEC has not been submitted as per Regulation No.30 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010.

"PLEASE TREAT THIS AS MOST URGENT"

Yours faithfully,

  
Deputy Chief Electrical Inspector,  
Bengaluru South, Bengaluru  
Deputy Chief Electrical Inspector,  
Bengaluru South  
Bengaluru

To Mrs Mangula / Mr. Chittibabu (Elect)

  
8/7/23

Payment was Done  
On. 24/04/23

  
08/07/23

Remitter's copy

|  |                                     |  |   |
|--|-------------------------------------|--|---|
| ಚಲನ್ ಚಾಲ್ತಿ ಅವಧಿ<br>Challan Validity   | ಜಿಲ್ಲೆ<br>District                  | ಇಲಾಖೆ ಹೆಸರು<br>Department Name                   | ಡಿಡಿಓ ಕಚೇರಿ<br>DDO Office   |
| 7 Days                                 | BENGALURU URBAN                     | ELECTRICAL INSPECTORATE                          | ELECTRICAL<br>INSPECTORATE CIRCLE<br>OFFICE ADDL. SOUTH,<br>BANGALORE |
| ವರ್ಗ<br>Category                       | ದಿನಾಂಕ<br>Date                      | ಚಲನ್ ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ<br>Challan Reference Number   | ಡಿಡಿಓ ಕೋಡ್<br>DDO Code  |
| Government                             | 24/04/2023                          | CR0423004301573453                               | 193510  |
| ಸಂದಾಯದಾರನ ಹೆಸರು<br>Remitter Name       | KSINSTITUTEOFTECHNOLOGY KSIT        |  | ಮೊಬೈಲ್ ಸಂಖ್ಯೆ<br>Mobile Number  |
| ಇ-ಮೇಲ್ ಐಡಿ<br>Email Id                 | ---                                 | ವಿಳಾಸ<br>Address                                 | 9901866375  |
| ಉದ್ದೇಶ<br>Purpose                      | ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ<br>Head Of Account   | ಉದ್ದೇಶ ನಿರ್ದಿಷ್ಟ ಐಡಿ<br>Purpose Specific Id      | ಉಪ ಉದ್ದೇಶ ಹೆಸರು<br>Sub Purpose Name                                   |
| FEES                                   | 0043~00~102~0~01~000                | NA   | ಮೊತ್ತ<br>Amount   |
| ಸಂದಾಯ ಮಾಡುವ ಬ್ಯಾಂಕ್<br>Remittance Bank | State Bank of India e Pay           | ಒಟ್ಟು ಮೊತ್ತ<br>Grand Total                       | 23400.00  |
| ಪಾವತಿ ಹಂತ<br>Payment Status            | Payment received at payment gateway | ಒಟ್ಟು ಮೊತ್ತ ಅಕ್ಷರಗಳಲ್ಲಿ<br>Total Amount in Words | Twenty Three Thousand Four Hundred only                               |
| ಪಾವತಿ ವಿವರಗಳು \ Payment Details        |                                     |  |   |
| ಪಾವತಿ ವಿಧ<br>Payment Mode              |                                     | Netbanking                                       |   |

\* ನಿಮ್ಮ ವಹಿವಾಟನ್ನು ಸಂಸ್ಕರಿಸಲಾಗಿದೆ. ಮುಂದಿನ ಉಲ್ಲೇಖಕ್ಕಾಗಿ ದಯವಿಟ್ಟು ವಹಿವಾಟಿನ ಸಂಖ್ಯೆಯನ್ನು ಬರೆದಿಟ್ಟುಕೊಳ್ಳಿ. ವಹಿವಾಟು ಸಂಖ್ಯೆ

\*Your Transaction has been processed. Please note the Transaction number for future reference. Transaction No. 6126721539623

| ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ<br>Reference Number | ಪಾವತಿ ವಿಧ<br>Mode Of<br>Payment | ವಹಿವಾಟು ಹಂತ<br>Transaction<br>Status | ಬ್ಯಾಂಕ್ ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ<br>Bank Reference<br>Number |
|-----------------------------------|---------------------------------|--------------------------------------|---|
| CR0423004301573453                | Netbanking                      | Success                              | 6126721539623                                     |

|  |  |  |   |
|--|--|--|---|
| ಚಲನ್ ಚಾಲ್ತಿ ಅವಧಿ<br>Challan Validity   | ಜಿಲ್ಲೆ<br>District                     | ಇಲಾಖೆ ಹೆಸರು<br>Department Name   | ಡಿಡಿಓ ಕಚೇರಿ<br>DDO Office   |
| 7 Days                                 | BENGALURU URBAN                        | ELECTRICAL INSPECTORATE  | ELECTRICAL<br>INSPECTORATE CIRCLE<br>OFFICE ADDL. SOUTH,<br>BANGALORE |
| ವರ್ಗ<br>Category                       | ದಿನಾಂಕ<br>Date                         | ಚಲನ್ ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ<br>Challan Reference Number                                       | ಡಿಡಿಓ ಕೋಡ್<br>DDO Code  |
| Government                             | 24/04/2023                             | CR0423004301573453   | 193510  |
| ಸಂದಾಯದಾರನ ಹೆಸರು<br>Remitter Name       | KSINSTITUTE OF TECHNOLOGY KSIT         |  | ಮೊಬೈಲ್ ಸಂಖ್ಯೆ<br>Mobile Number<br>9901866375                          |
| ಇ-ಮೇಲ್ ಐಡಿ<br>Email Id                 | ---                                    | ವಿಳಾಸ<br>Address<br>NO 14 RAGHUVANAHALLI<br>KANAKAPURA MAIN ROAD<br>BENGALURU 560107 |   |
| ಉದ್ದೇಶ<br>Purpose                      | ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ<br>Head Of Account      | ಉದ್ದೇಶ ನಿರ್ದಿಷ್ಟ ಐಡಿ<br>Purpose Specific Id  | ಉಪ ಉದ್ದೇಶ ಹೆಸರು<br>Sub Purpose Name<br>ಮೊತ್ತ<br>Amount                |
| FEES                                   | 0043~00~102~0~01~000                   | NA   | PERIODICAL INSPECTION<br>FEES<br>23400.00                             |
| ಸಂದಾಯ ಮಾಡುವ ಬ್ಯಾಂಕ್<br>Remittance Bank | State Bank of India e Pay              | ಒಟ್ಟು ಮೊತ್ತ<br>Grand Total   | 23400.00  |
| ಪಾವತಿ ಹಂತ<br>Payment Status            | Payment received at payment<br>gateway | ಒಟ್ಟು ಮೊತ್ತ ಅಕ್ಷರಗಳಲ್ಲಿ<br>Total Amount in Words                                     | Twenty Three Thousand Four Hundred only                               |
| ಪಾವತಿ ವಿವರಗಳು \ Payment Details        |  |  |   |
| ಪಾವತಿ ವಿಧ<br>Payment Mode              |  | Netbanking   |   |

\* ನಿಮ್ಮ ವಹಿವಾಟನ್ನು ಸಂಸ್ಕರಿಸಲಾಗಿದೆ. ಮುಂದಿನ ಉಲ್ಲೇಖಕ್ಕಾಗಿ ದಯವಿಟ್ಟು ವಹಿವಾಟಿನ ಸಂಖ್ಯೆಯನ್ನು ಬರೆದಿಟ್ಟುಕೊಳ್ಳಿ. ವಹಿವಾಟು ಸಂಖ್ಯೆ

\*Your Transaction has been processed. Please note the Transaction number for future reference. Transaction No.

6126721539623

ಇ-ಪಾವತಿ ವಿವರಗಳು | E Payment Details

ಇ-ಪಾವತಿ ಹಂತ | E Payment Status

| ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ<br>Reference Number | ಪಾವತಿ ವಿಧ<br>Mode Of<br>Payment | ವಹಿವಾಟು ಹಂತ<br>Transaction<br>Status | ಬ್ಯಾಂಕ್ ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ<br>Bank Reference<br>Number |
|-----------------------------------|---------------------------------|--------------------------------------|---|
| CR0423004301573453                | Netbanking                      | Success                              | 6126721539623                                     |

GOVERNMENT OF KARNATAKA  
(DEPT. OF ELECTRICAL INSPECTORATE)

No:ACEI/BS/DCEI/AEI(T)/PI/Spot/2022-23

Deputy Chief Electrical Inspector,  
Bengaluru South,  
Office of the Additional Chief Electrical Inspector,  
No:53/2, Behind Nijagunakshetra, Bull Temple Road,  
Basavanagudi, Bengaluru-560019.  
Date: 21.04.2023

To,

The Principal  
K.S Institute of Technology  
No:16, Raghunamahalli,  
Kamalakapura Main Road,  
Bangalore -560062

Sir,

Sub: Periodical inspection of 1x250, 11KV/433V HT Substation  
(1x250 + 1x125) KVA DG Sets 2 No. of Lifts and MS  
Building [MS Block] bearing RR No. 25HT-32 :- Reg.

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With reference to above, I write to inform you that the periodical inspection of your electrical installation is carried on 20/12/2022 and found that the electrical installation is not in general conformity with the CEA (Measure Relating to Safety and Electric Supply) Regulation, 2010.

Further you are requested to pay the inspection fees Rs. 23,400/-  
Rupees Twenty Three Thousand Four Hundred only fees toward any  
treasury under the budget. head : Non - .plan 004300102001. Other Taxes and Duties on Electricity  
Fees under I. E. Rules 1956 also you may remit the fees vide ONLINE PAYMENT (Website:  
<https://k2.karnataka.gov.in>) in favor of ELECTRICAL INSPECTORATE SOUTH ZONE,  
BENGALURU and submit the original fee paid challan ref No. to this office within TEN DAYS  
from the date of this letter, failing which power supply to your electrical installation will be referred  
for disconnected as per Rules. Further you are hereby informed to attend the defects through Hence  
a Government Licensed Electrical Contractor having Class I grade Licence and forward his item war  
compliance report within FIFTEEN DAYS from the date of this notice, failing which power supply  
to your electrical installation will be referred for disconnected as per Rule No. 30(5) of CEA  
(Measure Relating to Safety and Electric Supply) Regulation, 2010.

M.S. Building DEFECTS: April copy shall be forwarded.

**TRANSFORMER YARD :**

Transformer of capacity 1x250 KVA, 11KV/433

1. The Transformer oil shall be got tested for its dielectric strength and test report shall be furnished.
2. Oil leakage in the Transformer shall be stopped immediately.
3. Transformer HV/LV insulation resistance shall be measured & test result shall be furnished.

\* All lift license shall be got renewed as per Karnataka  
lift passenger conveyor Rules 2015.  
\* If load approval copy of MS Block shall be furnished,



4. Painting shall be done for all rusted parts of the transformer, metal parts of the structure, fencing and LT panel.
5. Silica gel in the transformer breather shall be reactivated/ replaced.
6. HT/LT cable size, direction of flow of current shall be indicated on the transformer terminal box and cables raised at the D.P Structure and also bus duct size shall be labelled.
7. HT/LT cable route markers type shall be provided along the cable route at regular interval.
8. All cable route must be clearly demarcated with route indicators of permanent type and no structure or building should be put up over the cable route.
9. Ant climbing devices i.e. GI barbed wire fencing shall be provided around the Transformer yard at about 2.5m above ground level and same shall be earthed suitably.
10. Cable gland shall be earthed.
11. A copper strip looping between the top cover of the transformer and the tank of the transformer shall be provided to avoid fault current passing.
12. Fresh oil shall be filled in ceiling cup.
13. A surface layer of crushed stone jelly preferably 25 to 40 mm thick shall be provided in the yard up to a depth of 80 mm to 150 mm to retard evaporation of moisture from earth during dry season and to keep the touch and step potential within limits and for improving the surface resistance for the safety of working personnel.
14. Rusted bolts/nuts of all the earth pits shall be replaced by new/GI/brass bolts and nuts and earth pits shall be labelled accordingly as per IS 3043/1987.
15. HT breaker service report by the MRT shall be furnished.

#### **LT ROOM:**

16. All incomer and outgoing circuits/ feeders shall be legibly labeled.
17. MV grade rubber mat shall be provided in front of LT panel with a clearance of 3 feet.
18. Cable tray shall be provided and cables shall be taken through cable tray only to need to avoid the overlapping of cables and earthing shall be done for cable tray.
19. ELR shall be provided at main LT panel.
20. Label all the LT switch gear to indicate circuits which they control and same shall be labeled floor wise.
21. Cable gland earthing shall be provided.
22. All Switches / Motors / Panel board to be provided with two separate earth connections.
23. Safety equipments such as First Aid Box, Rubber Hand Gloves, and Fire Extinguishers etc. shall be Maintained.
24. Shock treatment chart shall be displayed inside the LT room.
25. Approved drawings and copy of Approval of HT / DG set installations shall be displayed at a conspicuous place in the switchgear room /LT room.

#### **SWITCH GEAR / D.G.ROOM:**

26. DG set approval copy shall be furnished.
27. Analog type energy meter shall be provided instead of digital type.
28. Calibration report of current transformer and energy meter shall be furnished.
29. Cable gland of the cable at the generator terminal shall be earthed.
30. Asbestos rope shall be wound to the Exhaust pipe of DG set.
31. 9% Advoleram tax for the sale of energy shall be paid from all the tenants from 11<sup>th</sup> March 2013 and 20 paise per unit electricity tax shall be paid for the self consumption from 19<sup>th</sup> JULY 2018 along with Form G and F. [If already paid please furnish the same].

#### **LIFTS:**

32. Annual Maintenance Contract between the lift agency and yourself shall be furnished along with the report on working condition of safety limit switches & governor over speed and the copy of the same shall be furnished.
33. Trained lift operator shall be appointed and the names shall be provided to this office.
34. All the lift pits shall be cleaned.
35. All the earth pits shall be maintained as per IS 3043/1987 and labelled.
36. OSG and other test reports shall be furnished.
37. Lift License copies shall be furnished.

### MS Building:

39. Lightning arrester shall be provided on top of the building and same shall be earthed effectively.
40. Aviation lamp shall be provided on top of the building.
41. Fire alarm and smoke detector shall be provided at each floor of the building.
42. All the floor wise ELCB's shall be checked and keep them in working condition.
43. Danger board in local language shall be provided on all the Distribution boards/ panels and at the entrance of the power room.
44. MS Building approval copy shall be furnished.

### GENERAL:

45. ELR shall be provided for utility panel.
46. Annual maintenance certificate for fighting protection shall be furnished.
47. Earth test results of all the earth pits shall be furnished.
48. Megger test results of Transformer/ Generator / Lift motor winding shall be furnished.
49. Instruction chart for restoration of person suffering from electric shock shall be displayed at a conspicuous position at switchgear room / generator room.
50. Safety equipments such as First Aid Box, Rubber Hand Gloves, and Fire Extinguishers etc. shall be maintained.
51. Approved drawings and copy of Approval of HT / DG set installations shall be displayed at a conspicuous place in the switchgear room /generator room.
52. All parts of electrical equipments such as motors starters, I .C. Switches etc. shall be earthed With two separate distinct connections with earth using suitable size of earth lead.
53. Suitable capacity 30mA sensitivity ELCB shall be provided for each individual circuits with load 5KW & above.
54. All the circuits shall be designated and details of circuits shall be painted on the I.P / D.P. Switches in the panel board.
55. Full Length MV grade rubber mats shall be spread in front of all LT panels/DG panel boards.
56. All the loose wires extended shall be removed or it shall be made permanent.
57. A danger notice plate in Hindi or English and the local language of the District with a sign of skull and bones with appropriate voltage level shall be affixed permanently at the entrance of Transformer Yard /D.G.Room.
58. List of Authorized persons of your electrical installation under direct supervision of person holding Competent permit issued from Govt. Shall be displayed in the Switchgear/generator room .
59. Registers shall be maintained to record the periodical inspection work and same shall be provided during the inspection time.
60. Maintenance manager who is doing electrical maintenance work having valid supervisor permit copy and Wireman permit copy shall be furnished.
61. Trained lift operator names shall be furnished.

### Note:

1. Approval copy of the HT, DG, MS Building shall be furnished.
2. Lift License copy shall be produced.
3. Lift License renewal copy shall be furnished if the Lift has completed 10 years as per Karnataka Lift & Passenger conveyer Rules 2015.
4. Generator tax paid receipt for sale of Electricity shall be furnished along with Monthly returns Form G as per taxation Acts & Rules.
5. Single line diagram of complete electrical installation clearly showing BESCOM supply, DG sets supply, Bus coupler arrangements and details of individual loads their cable size , protection provided & individual panel location & earth pits locations shall be got approved separately from this office. If already obtained approval, furnish the same.
6. All the cables shall be neatly laid in the cable tray as 2 separate layers without overlapping each other.
7. All the earth pits shall be traced, reconstructed and maintained as per I.S.S. and labeled accordingly.

Yours faithfully,  
  
Deputy Chief Electrical Inspector  
Bangalore South, Bangalore.