

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, 2nd 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.

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 Challan Validity	ಜಿಲ್ಲೆ District	ಇಲಾಖೆ ಹೆಸರು Department Name	ಡಿಡಿಓ ಕಚೇರಿ DDO Office
7 Days	BENGALURU URBAN	ELECTRICAL INSPECTORATE	ELECTRICAL INSPECTORATE CIRCLE OFFICE ADDL. SOUTH, BANGALORE
ವರ್ಗ Category	ದಿನಾಂಕ Date	ಚಲನ್ ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ Challan Reference Number	ಡಿಡಿಓ ಕೋಡ್ DDO Code
Government	24/04/2023	CR0423004301573453	193510
ಸಂದಾಯದಾರನ ಹೆಸರು Remitter Name	KSINSTITUTEOFTECHNOLOGY KSIT		ಮೊಬೈಲ್ ಸಂಖ್ಯೆ Mobile Number
ಇ-ಮೇಲ್ ಐಡಿ Email Id	---	ವಿಳಾಸ Address	9901866375
ಉದ್ದೇಶ Purpose	ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ Head Of Account	ಉದ್ದೇಶ ನಿರ್ದಿಷ್ಟ ಐಡಿ Purpose Specific Id	ಉಪ ಉದ್ದೇಶ ಹೆಸರು Sub Purpose Name
FEES	0043~00~102~0~01~000	NA	ಮೊತ್ತ Amount
ಸಂದಾಯ ಮಾಡುವ ಬ್ಯಾಂಕ್ Remittance Bank	State Bank of India e Pay	ಒಟ್ಟು ಮೊತ್ತ Grand Total	23400.00
ಪಾವತಿ ಹಂತ Payment Status	Payment received at payment gateway	ಒಟ್ಟು ಮೊತ್ತ ಅಕ್ಷರಗಳಲ್ಲಿ Total Amount in Words	Twenty Three Thousand Four Hundred only
ಪಾವತಿ ವಿವರಗಳು \ Payment Details			
ಪಾವತಿ ವಿಧ 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 Reference Number	ಪಾವತಿ ವಿಧ Mode Of Payment	ವಹಿವಾಟು ಹಂತ Transaction Status	ಬ್ಯಾಂಕ್ ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ Bank Reference Number
CR0423004301573453	Netbanking	Success	6126721539623

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

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: 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 licence 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 11th March 2013 and 20 paise per unit electricity tax shall be paid for the self consumption from 19th 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.

Dr. 04.01.2022

9845894632

GOVERNMENT OF KARNATAKA
(DEPT. OF ELECTRICAL INSPECTORATE)

M : 2222-237-2
Ph no. 080/26608683

Email id: dcei.blrs@gmail.com

No: ACEI/BS/DCEI/AEI(O)/F- camp /2021-22

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

To: M/s. K. S Institute of Technology
No: 16, Raghuvanahalli,
Kamakapura Main Road,
Bengaluru - 560062 560109

Sir,

Subj: Periodical inspection of 1x250 KVA 11KV/433V HT transformer centre bearing RR No. 95HT-32 [1x250+1x125] KVA DG SET, 0.2 NO. of Lift and MS Building [0.3] - Reg.

..... 2022

With reference to above, I write to inform you that the periodical inspection of your electrical installation is carried on 04.01.2022 and found to be not in full conformity with the Indian Electricity Rule 1956. You are, therefore hereby informed to get the following observations rectified so as to bring the same in general conformity with the above said rule.

Further you are requested to pay the inspection fee of 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://ic2.karnataka.gov.in>) in favor of ELECTRICAL INSPECTOR CIRCLE OFFICE BENGALURU ADDITIONAL SOUTH, 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 Rule No. 46(2)(B) of I.E. Rules 1956. Further you are hereby informed to attend the defects through Govt. Licensed class-1 Electrical Contractor and submit his item - wise compliance report after duly attending the defects 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. 46(2)(C) of I.E Rules 1956.

Superv. of person & copy shall be produced.

DEFECTS:

TRANSFORMER YARD:

Transformer of capacity 1x250 KVA, 11KV/433

- The Transformer oil shall be got tested for its dielectric strength and test report shall be furnished. licence copy of P.L. lift shall be produced within 7 days
- Oil leakage in the Transformer shall be stopped immediately.

- * Approval copy of the HT, DG, MSB & lift shall be furnished.
- * Lift license renewal copy shall be furnished if the lift has completed 10 years as per Karnataka lift Personages conveyer Rules 2015.

3. Transformer HV/LV insulation resistance shall be measured & test result 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 raises 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. Anticlimbing 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 cealing 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.
16. Approval copy of Transformer shall be furnished.

LT ROOM:

1. All incomer and outgoing circuits/ feeders shall be legibly labeled.
2. MV grade rubber mat shall be provided in front of LT panel with a clearance of 3 feet.
3. Cable tray shall be provided and cables shall be taken through cable tray only to avoid the overlapping of cables and earthing shall be done for cable tray.
4. ELR shall be provided at main LT panel.
5. Label all the LT switch gear to indicate circuits which they control and same shall be labeled floor wise.
6. Cable gland earthing shall be provided.
7. All Switches / Motors / Panel board to be provided with two separate earth connections.
8. Safety equipments such as First Aid Box, Rubber Hand Gloves, and Fire Extinguishers etc. shall be Maintained.
9. Shock treatment chart shall be displayed inside the LT room.
10. Approved drawings and copy of Approval of III - DGI set installations shall be displayed at a conspicuous place in the switchgear room / LT room.

SWITCH GEAR / D.G. ROOM:

1. DG set approval copy shall be furnished.
2. Analog type energy meter shall be provided instead of digital type.
3. Calibration report of current transformer and energy meter shall be furnished.
4. Cable gland of the cable at the generator terminal shall be earthed.
5. Asbestos rope shall be wound to the Exhaust pipe of DG set.
6. 9% Advolcrans tax for the sale of energy shall be paid from all the tenants from 11th March 2013 and 20 paise per unit electricity tax shall be paid for the self consumption from 19th JULY 2018 along with Form G and F. [If already paid please furnish the same].

LIFTS:

1. 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.
2. Trained lift operator shall be appointed and the names shall be provided to this office.
3. All the lift pits shall be cleaned.
4. All the earth pits shall be maintained as per IS 3043/1987 and labelled.
5. OSG and other test reports shall be furnished.
6. Lift License copies shall be furnished.

MS Building:

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

GENERAL:

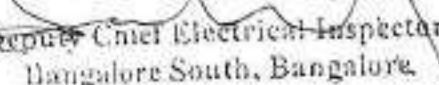
1. ELR shall be provided for utility panel.
2. Annual maintenance certificate for lightning protection shall be furnished.
3. Earth test results of all the earth pits shall be furnished.
4. Megger test results of Transformer/ Generator / Lift motor winding shall be furnished.
5. Instruction chart for restoration of person suffering from electric shock shall be displayed at a conspicuous position in switchgear room / generator room.
6. Safety equipments such as First Aid Box, Rubber Hand Gloves, and Fire Extinguishers etc. shall be maintained.
7. 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.
8. Approved drawings and copy of Approval of HT / DG set installations shall be displayed at a conspicuous place in the switchgear room / generator room.
9. 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.

10. Suitable capacity 30mA sensitivity ELCB shall be provided for each individual circuits with load 5KW & above.
11. All the circuits shall be designated and details of circuits shall be painted on the L.P / D.P. Switches in the panel board.
12. Full Length MV grade rubber mats shall be spread in front of all LT panels/DG panel boards.
13. All the loose wires extended shall be removed or it shall be made permanent.
14. 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.
15. 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.
16. Registers shall be maintained to record the periodical inspection work and same shall be provided during the inspection time.
17. Maintenance manager who is doing electrical maintenance work having valid supervisor permit copy and Wireman permit copy shall be furnished along with p.f No.
18. Trained lift operator names shall be furnished.

Note:

1. Latest month E-tax on DG units paid receipt & G form copy shall be furnished.
2. 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.
3. Floor wise LT load approval shall be obtained from this office.
4. BESCOM bill shall be furnished.

Yours faithfully,


 Deputy Chief Electrical Inspector
 Bangalore South, Bangalore

Copy to:
 Office copy/ Master copy

- * Generator logbook not maintained and Form G monthly returns not submitted same shall be got set right immediately
- * Unwanted materials stored near DG Room shall be removed
- * All the cables shall be neatly laid in the cable tray without overlapping each other
- * LT load approval copy of the all the blocks shall be furnished
- * Generator approval copy shall be furnished. kWh meter shall be provided for 125KVA DG set.

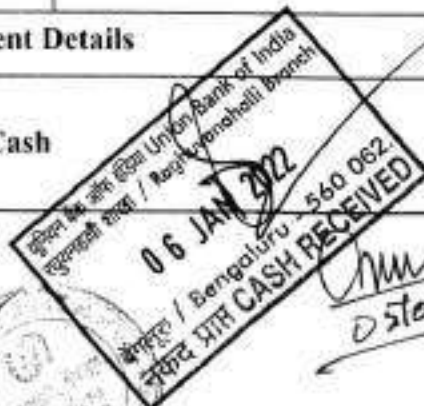


ಚಲನ್ ಚಾಲ್ತಿ ಅವಧಿ Challan Validity	ಜಿಲ್ಲೆ District	ಇಲಾಖೆ Department	ಡಿಡಿ ಕಛೇರಿ DDO Office	
7 Days	BENGALURU URBAN	ELECTRICAL INSPECTORATE	ELECTRICAL INSPECTORATE CIRCLE OFFICE ADDL. SOUTH, BANGALORE	
ವರ್ಗ Category	ದಿನಾಂಕ Date	ಚಲನ್ ಉಲ್ಲೇಖ ಸಂಖ್ಯೆ Challan Reference Number	ಡಿಡಿ ಕೋಡ್ DDO Code	
Government	05/01/2022	CR0122004300088011	193510	
ಸಂದಾಯದಾರನ ಹೆಸರು Remitter Name	KSINSTITUTEOFTECHNOLOGY KSIT		ಮೊಬೈಲ್ ಸಂಖ್ಯೆ Mobile Number	9901866375
ವಿಳಾಸ Address	NO 14 RAGHUVANAHALLI KANAKAPURA MAIN ROAD BENGALURU 560109			
ಉದ್ದೇಶ Purpose	ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ Head of Account	ಉಪ ಉದ್ದೇಶದ ಹೆಸರು Sub Purpose Name	ಉದ್ದೇಶ ನಿರ್ದಿಷ್ಟ ಐಡಿ Purpose Specific ID	ಮೊತ್ತ Amount
FEES	0043-00-102-0-01-000	PERIODICAL INSPECTION FEES	NA-	8000
ಸಂದಾಯ ಮಾಡುವ ಬ್ಯಾಂಕ್ Remittance Bank	UNION BANK OF INDIA	ಒಟ್ಟು ಮೊತ್ತ Grand Total		8000 ✓
ಪಾವತಿ ಹಂತ Payment Status	Payment Yet To Be Made At Agency Bank	ಒಟ್ಟು ಮೊತ್ತ ಅಕ್ಷರಗಳಲ್ಲಿ Total Amount in Words	Eight Thousand Only	
ಪಾವತಿ ವಿವರಗಳು / Payment Details				
ಪಾವತಿ ವಿಧ Payment Mode	Cash			

(a) Rs 23,400/-
 Already 15,400/-
 Bal pd Rs 8,000/-
 ms. Lax

AA193768

6/1/2022



05/01/22



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Tel : 080 28435722 / 24, Fax : 080 28435723

E-mail : principal.ksit@gmail.com / principal@ksit.edu.in | Website : www.ksit.edu.in

Date: 25-03-2022

To
The Deputy Chief Electrical Inspector,
Bangalore South,
No. 53 / 2, 2nd Floor, Bull Temple Road,
Basavanagudi,
BENGALURU - 560 019.

Sir,

Sub: Periodical inspection of 1 X 250 KVA HT S / S, 1 X 250 +
1 X 125 KVA DG Set + 3 MSB + 2 Nos. Lift installation at
No. 14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109,
bearing RR No. S5HT-32 - reg .

Ref: Your letter No.ACE/DCEI/BS/AEI(2)/SPOT/2021-22 dtd. 04.01.2022.

With reference to the above, we would like to bring to your kind notice that we have attended all the observations through M/s. Gurupriya Electricals vide your letter cited above.

Thanking you,

[Handwritten Signature]
28/3/22
Deputy Chief Electrical Inspector
Bangalore South
Bangalore

Yours faithfully,

R.S. Institute of Technology

[Handwritten Signature]
SECRETARY



Gurupriya Electricals

Govt. Licenced Class-1 Electrical Contractor

Mobile : 98455 73344

Sndhar Building, 5th Cross
Rajiv Gandhi Road, Jaraganahalli
Kanakapura Main Road, Bangalore - 560 078

Date: 15/03/2022

To

The Deputy Chief Electrical Inspector,
Bangalore South,
No.53/2, 2nd Floor, Bull Temple Road,
Basavanagudi,
Bangalore-560 019.

Sir,

Sub:- Periodical inspection of 1 x 250 KVA HT S/S, 1x250 + 1x125 KVA DG Set + 3 MSB
+ 2 Nos. Lift installation at No.141, Raghuvanahalli, Kanakapura Main Road,
Uttarahalli, Bangalore-560061, bearing RR No.S5HT-32 - reg.

Ref:- Your letter No.ACE/DCEI/BS/AEI(2)/SPOT/2021-22 dated 04.01.2022.

With reference to the above, I would like to bring to your kind notice that I have attended all the observations vide your letter cited above.

1. Transformer oil has been got tested for its dielectric strength and acidity test and report furnished.
2. Approval copy of HT, DG, MSB, Lift have been furnished.
3. Lift Licence renewal copy has been furnished.
4. Transformer HV/LV insulation resistance has been measured and test results furnished.
5. Silica gel in the transformer breather has been reactivated.
6. HT/LT Cable size, direction of flow of current has been indicated on the transformer terminal box and cable raises at the DP structure and also bus duct size has been labelled.
7. All cable routes have been clearly demarcated with route indicators of permanent type and no structure or building has been put up over the cable route.
8. Anticlimbing devices has been provided around the Transformer yard at about 2.5 m above ground level and earthed suitably.
9. A surface layer of crushed stone jelly of 25 to 40 mm thick has been provided in the yard upto a depth of 80 mm to 150 mm to retard evaporation of moisture.
10. Rusted bolts/nuts of all earth pits have been replaced and all earth have been labelled.
11. Approval copy of Transformer has been furnished.
12. All incomer and outgoing circuits/feeders have been legibly labelled.
13. Cable tray has been provided and cables have been taken through cable tray only to avoid overlapping of cables and earthing has been done.
14. ELR has been provided at main LT panel.
15. Cable gland earthing has been provided.
16. Safety equipments such as First Aid Box, Rubber Hand Gloves and Fire Extinguishers have been maintained.
17. Approved drawings and copy of approval of HT, DG set installations have been displayed in the switchgear/HT room.

Contd...2.

18. DG Set approval copy has been furnished.
19. Calibration report of current transformer and energy meter has been furnished.
20. Asbestos rope has been wound to the Exhaust pipe of DG set.
21. 9% Advolorem tax for sale of energy is being paid at the prescribed rate for the stipulated period.
22. AMC between the lift agency has been furnished along with the report on working condition of safety limit switches and governor overspeed and copy furnished.
23. Trained lift operator has been appointed and names provided.
24. All the earth pits have been maintained and labelled.
25. Lift Licence copies have been furnished.
26. Lightning arrester has been provided on top of the building and earthed.
27. Aviation lamp has been provided on top of the building.
28. All the floorwise ELCBNs have been checked and keep them in working condition.
29. MS Building approval copy has been furnished.
30. ELR has been provided for utility panel.
31. Megger test results of Transformer/Generator/Lift motor winding have been furnished.
32. Instruction chart for restoration of person suffering from electric shock has been displayed at switchgear/generator room.
33. List of Authorised persons of your electrical installation under direct supervision of person holding competent permit has been displayed in switchgear/generator room.
34. Approved drawings and copy of approval of HT/DG set installations have been displayed in switchgear/generator room.
35. All parts of electrical equipments have been earthed with two separate distinct connections with earth using suitable size of earth lead.
36. Suitable capacity 30 mA sensitivity ELCB has been provided for each individual circuits with load 5 KW and above.
37. Full length MV grade rubber mats have been spread in front of all LT panels/DG panel boards.
38. A danger notice plate in Hindi or English and local language of the district with a sign of skull and bones with appropriate voltage level has been fixed at the entrance of transformer yard/DG room.
39. List of authorised persons of electrical installation holding competent permit has been displayed at switchgear/generator room.
40. Trained lift operator names have been furnished.
41. Latest month e-Tax on DG units paid receipt and G form copy furnished.
42. Single line diagram of complete electrical installation clearly showing BESCO supply, DG sets supply, bus coupler arrangements and details of individual loads their cable size, protection provided and individual panel location and earth pits location has been approved separately.
43. Floorwise LT load approval has been obtained.

Thanking you,

Yours faithfully,
For Gurupriya Electricals

H.P. Zampoo

Proprietor



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Energy Conservation Policy Document

PREAMBLE:

In order to endorse and support environmental awareness and holistic development of students, K S Institute of Technology has adopted “Energy Conservation Policy” for the purpose of making environmental concerns a way of life. This institution aims in creating a healthier environment to realistically and comprehensively reduce energy consumption by assuring acceptable indoor air quality and improve energy efficiency on campus through methods that are reliable with a safe, secure, and eco-conscious campus. Energy conservation shall be accomplished by developing a proactive and progressive approach towards providing energy efficient, responsible, and cost- effective operations on campus. This policy will be reviewed and updated periodically as public awareness, management techniques, and technologies change.

APPLIES TO: ALL THE STAFF, STUDENTS, EMPLOYEES AND VISITORS.

ENERGY CONSERVATION PRACTICES:

1. **Lighting**

Staffs and students shall make every effort to reduce the amount of energy associated with lighting in campus facilities by:

- Turn lights off in unoccupied spaces.
- Discontinuing the use of incandescent lighting by replacing wherever more efficient lighting is possible such as when compact fluorescent or light-emitting diode (LED) bulbs can be used.
- Maximizing the use of natural light and turning off all nonessential lighting and other loads whenever possible.

- Utilizing task lighting in lieu of overhead lighting when and where ever appropriate.
- Turning off exterior building architectural and promotional lighting between 11:00 pm and 6:00 am

2. Interior Environment

- Every effort will be made to maintain the occupied temperature in all campus facilities at 22 to 24 degrees Celsius. This excludes special environmental needs such as server rooms and computer laboratories.
- Classroom with 20 or fewer students will be set at 22 degrees centigrade.

3. Computers

- Computer power management software should be able to minimize the operation and consumption of electricity when computers are not in use. This excludes computers performing the unique computational function
- Computers purchased must have energy-saving features and should be enabled whenever in use.
- Peripheral equipment should be turned off whenever possible.
- Students are encouraged to turn off the systems when not in use.

4. Office Equipment

- All powered office equipment should be turned off or placed on standby when not in use unless it is unfavorable to the operation of the equipment to do so. Items such as copiers, printers, calculators, shredders, etc., should be turned off at the end of the workday.
- Office equipment quantities should be reduced through consolidation to central locations whenever possible

5. Appliances

- Staffs
- Non-school-provided appliances (such as printers, coffee makers, refrigerators, freezers, microwaves, lamps, televisions, and scanners) may only be used with proper authorizations
- The quantities of purchased appliances, facilities, and equipment shall be reduced through consolidation to central locations for shared use whenever possible.

- All new or replacement computer monitors and televisions shall be of the next generation energy efficient models
- All appliances shall be turned off when not in use unless it is detrimental to do so (for example a refrigerator or freezer).

6. Students

- All appliances shall be turned off when not in use unless it is detrimental to do so (for example a refrigerator or freezer).
- Lighting facilities and air conditioning units inside the labs must be turned off before leaving the classroom/lab
- Make sure that all computers/gadgets are unplugged when leaving the classrooms and laboratories

RAISING AWARENESS ON ENERGY CONSERVATION:

- Staffs and Students – are responsible for:
- Recognizing that energy conservation is important to the college's economic health and environmental goals.
- Being aware and complying with the policy.
- Take actions to conserve energy and reduce wastage of energy.
- If staff or students have ideas on energy conservation or wish to report energy waste, they should report to the Principal or to their respective Department Heads.
- Principal and Heads of Departments are responsible for:
- Communicating this policy to everyone within their jurisdiction.
- Including energy conservation procedures in orientation programs.
- Make Annual Energy Audit mandatory.

TIPS TO BE FOLLOWED ARE:

- Activate power management features on computer and monitor so that it will go into a low-power "sleep" mode when the students and staff are not working on it.
- Turn off the monitor once the students and staff leave from the lab.
- Activate power management features on laser printer.
- Whenever possible, shut down the systems rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.

- Use LED or compact fluorescent bulbs.
- Keep lights off in conference halls, classrooms, seminar halls when they are not in use.
- Use the fans only when they are needed.



Secretary

SECRETARY

For KAMMAVARI SANGHAM



Principal

PRINCIPAL

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BENGALURU - 560 109**



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Recycling of Waste Management Policy Document

Recycling broadly covers Solid waste recycling, organic waste recycling, waste water recycling, horticultural waste recycling, electronic waste disposal and consumption patterns, waste oil recycling, hazardous waste recycling, food waste recycling, Life cycle assessment and management of resources.

Objectives:

The main objectives of the Waste Management System in the campus are to promote a clean and green campus through:

- To identifying, quantifying, describing and prioritizing framework of Environment Sustainability in compliance with the applicable regulations, policies and standards.
- To introduce and make students aware of real concerns of environment and its sustainability
- Composting and recycling are the methods adopted by the institute.
- To minimize the carbon footprint

Steps Taken:

- i. Waste segregation and collection is done through colour coded and labelled bins placed in corridors, cafeteria, laboratories, washrooms, quadrangle etc.
- ii. Exclusive support staff is appointed for waste collection, segregation, treatment or disposal
- iii. The paper waste collected is sent through authorised agencies to recycling units.
- iv. The plastic and glass waste is given to BBMP and authorised plastic waste collection agencies.
- v. The electronic waste is handed over to authorised agencies only after following the procedure for such disposal.
- vi. Wet waste is treated through vermicomposting and resulting vermin compost is used as bio fertilizer in the landscape greenery and garden. Dry leaves and kitchen waste from canteen is treated in the compost pit and the bio fertilizer is used in the garden.


Secretary
SECRETARY

For KAMMAVARI SANGHAM


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Water Conservation Policy Document

1. Reduce the wastage of water by fitting proper valves and arrest the leakages
2. Using suitable equipment, technology and systems to reduce the amount of water used
3. Watering to the gardening to be done in the morning or in the evening to reduce evaporation losses.
4. Rainwater harvesting pits have been provided for improving the groundwater depth
5. Faculty and students have been instructed use water economically
6. Guest lectures and expert lectures have been arranged regularly on water conservation
7. World water day, world environment day have been celebrated to imbibe the importance of water conservation
8. Install flow control devices such as low-flow shower heads and flush valves.
9. College has installed more rainwater harvesting pits along with this recharging the ground water.

Prevention of Water in KSIT Hostel and Quarters

(i) Save Water in the Bathroom

- Frequent checking of toilets for leaks and improper closure of taps
- Installed water-saving shower heads or flow restrictors
- Keep board near each taps 'Turn off water after use'
- Install low water capacity flush tank.

(ii) Save Water in the Kitchen and Laundry

- Use your automatic washing machine only for full loads
- If you wash dishes by hand, don't leave the water running for rinsing
- Don't let the faucet run while you clean vegetables

- Frequently checking faucets and pipes for leaks

(iii) Save Water Outside

- Watering lawn only when it needs
- Deep soak the lawn - water long enough for the moisture to soak down to the roots
- Plant drought-resistant trees and plants that need less water
- kept a layer of mulch around trees and plants
- Use a broom, not a hose, to clean driveways and sidewalks
- Don't run the hose while washing vehicle

Available Sources & Alternate Sources:

- A. Rain Water Harvesting
- B. Bore well/ Recharge Wells
- C. Construction of Tanks
- D. Waste water Management



Secretary

SECRETARY

For KAMMAVARI SANGHAM



Principal

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