



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

SDG - 7

7.2.5 - Energy Inspection/Audit to Identify Areas of Energy Wastage

Annual Energy Inspection for measures relating to safety and electrical supply is being conducted by Chief Electrical Inspectorate, Govt of Tamil Nadu. The defects identified by the team will be notified to the Institution for rectification on priority.

Apart from this inspection, Energy Audit by Professional External Agency is being conducted periodically to arrive at strategy for minimizing the waste of energy.

Based on such audits the areas where energy may be conserved have been identified as follows:

1. Conventional type tube light with chokes to be replaced with LED tube lights.
2. Sodium vapour lamp street lights to be replaced with LED lights.
3. Motors and pumps to be provided with capacitor bank in order to maintain unity power factor to avoid power loss.
4. Setting the temperature level in the air conditioners - to be set in the range of 22° to 24°C.
5. Water level controller in sumps and tanks to minimize the wastage of power due to continuous usage of motor and pumps.
6. Energy monitoring system such as energy meters to be installed in each building and in STP plants to monitor and control the usage of energy.
7. Individual control of switches for corridor lights – to introduce motion sensor lights as an alternate for energy conservation.
8. Energy conservation awareness program for students and staff.
9. Conventional fans in auditoriums to be replaced with HVLS.
10. To check and set right the Phase current imbalance in the Circuits in MV panels and SSB panels to reduce power loss.

Energy Inspection Reports are given below:

GOVERNMENT OF TAMILNADU
ELECTRICAL INSPECTORATE

(Reply By Designation Only)

From

Er.P.JEYAPRABHA, B.E.,
Electrical Inspector,
Coimbatore South,

Dr. Nanjappa Road,
Corporation Commercial Complex,
Coimbatore - 641 018.

Order No. PYK 1758 / EI / CBE (South) / R30 / DR / 2021 Dt 28-01-2022

To

M/s. Karunya Institute Of Technology,
New Gents Hostel, Karunya Nagar
Coimbatore-641 114.

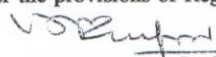
Whereas the HT Installation at above premises was inspected on 12-01-2022 under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 for the year 2021-2022 and whereas it appears to me that you have not complied with the CEA (MSES) Regulations, 2010 in the following respect as detailed below. You are hereby called upon to comply with the said regulations on or before 27-04-2022 and to report compliance in writing to me with a copy to Senior Electrical Inspector/ Coimbatore and Chief Electrical Inspector to Govt, Chennai 32.

An appeal may be filed against this order under sub section 2 of section 162 of the Electricity Act, 2003 within three months of the date on which this order is served or delivered or is deemed to have been served but this order must be complied with not withstanding such appeal, unless the appellate authority [namely, the Chief Electrical Inspector to Government, Chennai] on or before the date specified in paragraph I above suspends in operation.

DEFECTS

1. The DP structure materials are in corroded condition. The same should be cleaned and painted neatly. R12(1).
2. The pump room SSB panel are found rusted. The same should be cleaned and painted neatly. R12(1).
3. The grinder's at the new gents hostel kitchen are not provided with earth connection. The same should be provided with earth connection. R41(xii).
4. Rubber mats are not provided in front of the pump room SSB . Electrically tested new rubber mats should be provided in front of the above panel. R19(5)..
5. The supply cables of the STP motors are not terminated properly . The same should be terminated properly using cable glands and earthed . R 37(i) & (ii).

All the above defects should be arranged to be rectified as per the provisions of Regulation 29 of CEA (MSES) regulations 2010.


Electrical Inspector 28/1/22
Coimbatore South

GOVERNMENT OF TAMILNADU
ELECTRICAL INSPECTORATE

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

E-mail id: eicbes@tn.gov.in
Ph No. 0422 2380225

(Reply By Designation Only)

From
Er.P.JEYAPRABHA, B.E.,
Electrical Inspector,
Coimbatore South,

Dr. Nanjappa Road,
Corporation Commercial Complex,
Coimbatore - 641 018.

Order No. PYK 801 / EI / CBE (South) / R30 / DR / 2021 Dt 28-01-2022

To
M/s. Karunya Institute Of Technology,
Old Hostel Complex Building,
Karunya Nagar, Coimbatore-641 114.

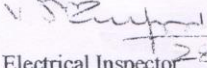
Whereas the HT Installation at above premises was inspected on 12-01-2022 under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 for the year 2021-2022 and whereas it appears to me that you have not complied with the CEA (MSES) Regulations, 2010 in the following respect as detailed below. You are hereby called upon to comply with the said regulations on or before 27-04-2022 and to report compliance in writing to me with a copy to Senior Electrical Inspector/ Coimbatore and Chief Electrical Inspector to Govt, Chennai 32.

An appeal may be filed against this order under sub section 2 of section 162 of the Electricity Act, 2003 within three months of the date on which this order is served or delivered or is deemed to have been served but this order must be complied with notwithstanding such appeal, unless the appellate authority [namely, the Chief Electrical Inspector to Government, Chennai] on or before the date specified in paragraph I above suspends in operation.

DEFECTS

1. The incoming and outgoing feeder details are not identified at pump room SSB. The same should be identified permanently for reference. R 19(6)
2. The temporary wiring is done for the extension box in power room. The same should be removed and permanent wiring done in a standard manner using adequate size cables and controls. R12(1) & R37 (i).
3. Rubber mats are not provided in front of the pump room SSB. Electrically tested new rubber mats should be provided in front of these panel R19(5)..
4. The supply cables of most of the pump motor are with joints are not terminated properly at the motor terminal box. The same should be terminated properly using cable glands and earthed. R37(ii) & R 35 (7).

All the above defects should be arranged to be rectified as per the provisions of Regulation 29 of CEA (MSES) regulations 2010.


Electrical Inspector
Coimbatore South

GOVERNMENT OF TAMILNADU
ELECTRICAL INSPECTORATE

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

E-mail id: eicbes@tn.gov.in
Ph No. 0422 2380225

(Reply By Designation Only)

From
Er.P.JEYAPRABHA, B.E.,
Electrical Inspector,
Coimbatore South ,

Dr. Nanjappa Road,
Corporation Commercial Complex,
Coimbatore - 641 018.

Order No. PYK 2205 / EI / CBE (South) / R30 / DR / 2021 Dt 28-01-2022

To
M/s. Karunya Institute Of Technology,
(College Campus)
Karunya Nagar,
Coimbatore-641 114.

Whereas the HT Installation at above premises was inspected on 12-01-2022 under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 for the year 2021-2022 and whereas it appears to me that you have not complied with the CEA (MSES) Regulations, 2010 in the following respect as detailed below. You are hereby called upon to comply with the said regulations on or before 27-04-2022 and to report compliance in writing to me with a copy to Senior Electrical Inspector/ Coimbatore and Chief Electrical Inspector to Govt, Chennai 32.

An appeal may be filed against this order under sub section 2 of section 162 of the Electricity Act, 2003 within three months of the date on which this order is served or delivered or is deemed to have been served but this order must be complied with not withstanding such appeal, unless the appellate authority [namely, the Chief Electrical Inspector to Government, Chennai] on or before the date specified in paragraph I above suspends in operation.

DEFECTS

1. The DP structure materials are in corroded condition. The same should be cleaned and painted neatly. R12(1).
2. The unwanted material found stocked at the EEE SSB power room. The same should be removed and the MV panel room kept neat and tidy. R 12(1)
3. The pump motors are not provided with earth connection.. The same should be provided with double earth connection. R41(xii)
4. The flexibles cables to the pump motors are simply laid on the floor. All the flexible supply cables to the pump motors should be laid in a suitable earthed metallic duct so as to protect the supply cable from mechanical damages. R12(1)
5. The hostel mess SSB & LSSB panel are found rusted. The same should be cleaned and painted neatly. R12(1).

Safety Inspection for Lifts by Chief Electrical Inspectorate, GoI

FORM F

[See rules 4(2) and 5(2) and 6]

LICENCE TO WORK A LIFT

(This Licence is not transferable or assignable to any person, company, body of individuals or firm. This Licence is to be renewed once in three years and must be produced to the Licensing Authority when called for)

Registration No.: **30289/L/F/CBES/Dt:14/06/2018**

Under sub-section (3) of Section 5 of the Tamil Nadu Lifts and Escalators Act, 1997 (Tamil Nadu Act 35 of 1997) Thiru. Karunya University, are hereby Renewed Licence to work or cause to be worked or allow the working of the Lift erected at the premises No. Karunya University Science And Admin Blok Karunya Nagar, Coimbatore-641114, subject to the provisions of the Tamil Nadu Lifts and Escalators Act, 1997 (Tamil Nadu Act 35 of 1997) and the Tamil Nadu Lifts and Escalators Rules, 1997 the particulars of which are given below:-

The Licence shall remain valid **from 14-06-2018 to 13-06-2019** and is issued subject to the conditions set out on the below:-

Particulars

1.	Make of Lift and Serial No.	Johnson and L J 4707
2.	Type of Lift	Passenger
3.	Type of Control	Simplex Selective Collective Control
4.	Capacity	8Persons

Date of Inspection	Valid From	Valid Up To	Signature of the Officer Renewing the Licence
29-11-2019	14-06-2019	13-06-2022	
11-11-2022	14-06-2022	13-06-2025	