

**SEEPZ SPECIAL ECONOMIC ZONE AUTHORITY,
GOVERNMENT OF INDIA,
MINISTRY OF COMMERCE AND INDUSTRY,
ANDHERI (E), MUMBAI - 400 096.
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No. SEEPZ-SEZ/ESTATE/AMC/520/2019-20/ ⁰⁰⁸⁰⁶ Date:- 18-01-22

CIRCULAR No. 11/2022

Subject:- Periodical inspection of Electrical installations under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electrical Supply Regulations, 2010) (as amended).

Ref. No:- 1) SEEPZ-SEZ/ESTATE/AMC/520/2019-20.
2) WRIO/10/Reg-30/2020-21/1902, dated 22.12.2020.

With reference to the intimation received from the Chief Electrical inspector, Govt. of India, vide letter under reference , all the Electrical installations of the Govt Buildings in SEEPZ-SEZ Premises are to be inspected by the Chief Electrical Inspector for periodical testing under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply).Hence, it is mandatory for all the unit holders operating in SEEPZ premises to get their respective premises inspected by the Electrical Inspector , CEA, Govt of India

In view of above , all the Unit Holders are directed to contact the Electrical Inspector on the following address for providing the Electrical load details for uploading the same on CEA Portal and other relevant information as required to enable the Inspection Authority to issue the Electrical Safety Certification of all the buildings.

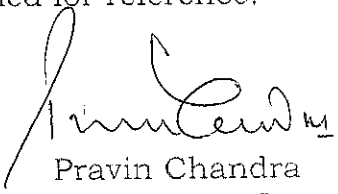
Electrical Inspector to Govt of India

Regional Inspectorial Organization(West)

GF,WRPC Building,F-3, MIDC, AndheriE, Mumbai-400093

Contact No-9122-28211003

In order to facilitate the inspection and fulfill the compliance with regard to Electrical works, a compliance format is attached for reference.


Pravin Chandra
Joint Development Commissioner
SEEPZ-SEZ Authority.

Annexure 1

COMPLIANCES TO BE MET

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| REGULATION | | |
| M/s. shall designate person(s) to operate and carry out work on electrical apparatus. | | |
| No person shall be designated under sub-regulation (1) unless:- | | |
| He possesses a certificate of competency or electrical work permit issued by the appropriate Government. (ii) His name is entered in the register referred to in sub-regulation (2). | | |
| REGULATION | | |
| 1. It shall be ensured that there shall be an Electric safety officer designed for ensuring observance of safety measures specified under these regulations. | | |
| 2. The Electrical safety officer shall be an electric engineering degree holder with at least five years of experience in operation and maintenance of electric plant. | | |
| The electric safety officer designated under sun-regulation (1). Shall ensure periodic test as per the relevant standard and inspection of such installation at intervals not exceeding one year and keep a record thereof and such record shall made available to the Electric Inspector if and when required. The Detail (Name, Designation, Qualification and Experience) of the designated Electric safety officer shall be submitted. The Form I, II shall be duly filled by the | | |
| REGULATION-12 | | |
| Distinct and prominent naming of the equipments/building/control room shall be ensured. | | |
| Single Line Diagram to be displayed in the electrical control rooms | | |
| Pending civil works if any shall be completed and accessibility to all the control rooms/equipment shall be completed. | | |
| Unwanted materials shall be removed in Panel room and proper ventilation shall be provided | | |
| All the trenches shall be covered with Chequered plates | | |

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| All the gaps between installation and ground, manholes, trench etc. shall be covered | | |
| Panels. | | |
| All the panels shall be named prominently | | |
| . Incoming and Outgoing shall be named on the panels. | | |
| Flexible Earth wires between panel and panel door shall be ensured | | |
| Spare holes in the panels, if any, shall be plugged with non inflammable material ON/OFF indication shall be clearly marked. | | |
| Warning notice "Discharge the capacitor and cables before opening the panel" shall be written on the panel wherever applicable | | |
| Warning notice "Isolate Supply before opening the panel" shall be written on back side of the panels | | |
| The installation shall be protected, worked and maintained as per relevant IS & Manufacture guidelines to ensure safety. | | |
| Furnish updated List of equipment (s) offered for inspection (Name, Make, SI.No., MW/KW, kWA, Quantity). | | |
| Regulation 18 | | |
| Danger notices in local language of the district and Hindi or English, with sign of skull and bones shall be affixed permanently in conspicuous position, (confirming IS:2551) at appropriate location. | | |
| Regulation 19 | | |
| All switchgear panels shall be painted with the subscription of its identification at front and rear. | | |
| Insulating mat conforming to IS 15652:2006 shall be placed in the bay kiosk on the front of the panels | | |
| Regulation 27 | | |
| Fire buckets filled with clean dry sand and ready for immediate use for extinguishing fires, in addition to fire extinguishers (to be tested once a year) suitable for dealing with electrical fires, shall be provided at suitable locations | | |
| First aid boxes shall be equipped with contents specified by the state govt, shall be provided | | |
| Fire extinguishers shall be placed at appropriate locations. | | |
| Regulation 28 | | |

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| <p>. Instructions (i.e. electric shock treatment chart) in English or Hindi and local language of the district for the restoration of persons suffering from electric shock shall be affixed in conspicuous position in the control room.</p> | | |
| <p>Address and telephone no of the nearest doctor/first aid centre or hospital shall be prominently displayed near the electric shock treatment chart.</p> | | |
| <p>It shall be ensured that all the designated persons are acquainted with and are competent to apply the instruction refer to in the electric shock treatment chart</p> | | |
| <p>Artificial respiratory chart shall be affixed at substation and artificial respirator shall be ensured at control room and kept in working condition.</p> | | |
| <p>Regulation 48</p> | | |
| <p>The armour of cables, Bus ducts, Cable glands and Cable Trays shall be effectively earthed at both terminations</p> | | |
| <p>Earth pits shall be identified and named properly (BE1, BE2, NE1, NE2 etc) and ER Value with date and next due date shall be marked on the cover of the earth pits.</p> | | |
| <p>The body of the Bus ducts and Panels shall be earthed by two separate and distinct connections with earth</p> | | |
| <p>Earth pits shall be constructed as per IS-3043. Earth pits to be named distinctly (BE1, BE2, NE1, NE2 etc). LA & Neutral pits for Bus ducts, Switchgear and shall be identified distinctly.</p> | | |
| <p>All earthing system shall be mechanically strong, withstand corrosion and retain electrical continuity during the life of the installation.</p> | | |
| <p>Regulation 46</p> | | |
| <p>The latest periodical test reports (Panel and Earth pits) of the equipment shall be submitted.</p> | | |
| <p>Regulation 74</p> | | |
| <p>The earthing of LA in respect of electrical Equipments to be terminated with earth electrode and it should be ensure that earthing lead for every LA shall be taken as directly as possible from the LA without touching any metal part to a separate vertical ground</p> | | |

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| <p>electrode or junction of the earth mat subject to the avoidance or bends wherever practicable.</p> <p>You are hereby called upon to comply with the said regulation (s) and to report compliance in detail, item by item, within one month from the date of issue of this order and to report compliance in writing to this office</p> | | |
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