

## **CHARTERED ELECTRICAL SAFETY ENGINEER**

### **1. Qualifications of Chartered Electrical Safety Engineer:**

- a) He shall have Electrical Engineering degree from a recognized University/Institute approved by AICTE. (Under Regulation 5A)
- b) He shall have at least five years of experience in operation and maintenance of electrical installation in the Andhra Pradesh State. (Under Regulation 5A)
- c) The upper age limit shall be 65 years.
- d) He shall have good knowledge of the Electricity Act'2003 and Central Electricity Authority Regulations, Bureau of Indian Standards, National Electrical Code, IEC etc.
- e) He shall possess a valid certificate of competency and Electrical Supervisor permit obtained from the Andhra Pradesh Electrical Licensing Board for the notified Voltage. (Under Regulation 3)
- f) He shall at all times be in possession of the testing equipment's as may be prescribed by the Andhra Pradesh Electrical Licensing Board/Director of Electrical Safety and Chief Electrical Inspector to Govt. for testing of electrical equipment from time to time.  
(Under Regulation 33)
- g) He shall not be a grade 'A' or 'B' Licensed Electrical Contractor. (Under Regulation 29)

### **2. Validity and Renewal of Certificate of Authorisation for Chartered Electrical Safety Engineer.**

- a) The Certificate of authorisation for Chartered Electrical Safety Engineer will be valid initially for two years from the date of issue and shall be renewed thereafter for every two years subject to validity of documents and his performance as Chartered Electrical Safety Engineer.
- b) The fee for issue and renewal of Certificate of authorisation for the Chartered Electrical Safety Engineers shall be as prescribed by the Andhra Pradesh Electrical Licensing Board (or) Director of Electrical Safety and Chief Electrical Inspector to Govt. till such time
  1. Application fee for Chartered Electrical Safety Engineer is Rs. 2000/- and issue of certificate of authorization is Rs. 10,000/- for two years and Rs. 10,000/- for renewal also.

### **3. Functions of the Chartered Electrical Safety Engineer:**

- a) Verify the appointment of Licensed Electrical contractor for the execution of the work. (Under Regulation 29)
- b) Ensure the electrical design is approved in the form of drawings from the concerned Electrical Inspector. (Under Regulation 43 & Sec 53)
- c) Verify the work executed by Licensed Electrical Contractor is as per the approved drawings duly following the relevant standards of NEC, BIS, IEC and guidelines Issue by Director of Electrical safety and Chief Electrical Inspector to Government. (Under Regulation 12)
- d) On receipt of work completion report from the Licensed Electrical contractor, he shall conduct the pre-commissioning tests and issue an advisory note to the consumer for the rectification (Under Regulation 33 to 51)
- e) He shall ensure the observance of the safety provisions laid under the Electricity Act, 2003 and the Regulations made there under.
- f) He shall issue the certificate in Form-IV prescribed by Director of Electrical Safety and Chief Electrical Inspector to Govt. under Regulation 43.
- g) The test/inspection reports shall be recorded thereof in Form-I (or) Form-II (or) Form-III, under Schedule-IV Under Regulation 30 (or) and Form -IV Under Regulation 43 as the case may be and submit the same to Electrical Inspector within 15 days from date of inspection/testing.
- h) Test Reports & Register of Recommendations in regard with safety duly acknowledged by owner, compliances made thereafter and such record shall be made available to the Electrical Inspector as and when required.

### **4. Submission of Records:**

- a) The Electrical Inspector may require a supplier or an owner or a Chartered Electrical Safety Engineer who assisted the owner for "Self-Certification" to submit to him for examination any records of tests made in connection with his works and he shall comply with such requisition.
- b) The Chartered Electrical Safety Engineer shall maintain the records the tests and examinations conducted by him for Self-Certification.

### **5. List of Consumers:**

- a) The Electrical Inspector may require a supplier (or) DISCOM to submit to him a list of all persons supplied with energy by him, the addresses at which such energy is supplied, the months of service, the voltage of supply, the purpose of supply and the supplier (or) DISCOM, shall comply with such Information.

- b) The Chartered Electrical Safety Engineer who have assisted the owner for self-certification shall submit the electrical Inspector on request the list of consumers/owners he have assisted with all such details of the installation as desired by the Electrical Inspector.

**6. Inspections:**

- a) The Electrical Inspector may enter, inspect and examine any installation which is self certified by the owner or with the assistance of the chartered Electrical safety engineer within one year from the date of self- certification.
- b) Every supplier (or) consumer (or) owner and occupier shall afford a given reasonable time and facilitate to any such inspector to make such examinations and test as may be necessary to satisfy himself as to the due observance of the provisions of The Electricity Act'2003 and Regulation made there under.
- c) The Electrical Inspector may serve an order in the form set out , upon any supplier, consumer, owner or occupier, calling upon him to comply with any specified regulations and standards and the person so served shall thereupon comply with the order within the period named therein, and shall report in writing to the Electrical Inspector.

**7. Appeals:**

- a) An appeal against an order served under these shall lie to the State Government.
- b) Every appeal made shall be in writing, shall be accompanied by a copy of the order appealed against and shall be presented within 3 months of the date on which such order has been served or delivered or is deemed to have been served or delivered as the case may be.

**8. Amount of Fees and Incidence of fees recoverable in the case of dispute:**

- a) Where an Inspector is called in to decide any difference or dispute between the owner/consumer or the chartered Electrical Safety Engineer or the supplier and where a fee for such service is recoverable, the inspector shall decide by whom such fee shall be payable.

**9. Penalty for breach of Electricity act 2003 and Regulation made there under and Procedure.**

- a) Who being responsible for the obstructions of any of these act, regulation and procedure shall be punishable for every such breach with fine which may extend to fifty thousand Rupees.

- b) Whoever fails to comply with any order (or) directors and Electrical Inspector guidelines under this act and or indulging in willful negligence mal-Practice, misuse or any other activities affectively the Safety of Electrical installation leads to fatal and or fire accident and failure of Electrical equipments shall be punishable under section 146 of The Electricity Act, 2003.
- c) The Andhra Pradesh Electrical Licensing Board (or) Director of Electrical Safety and Chief Electrical Inspector to Govt. shall have the right to terminate/cancel/suspend the certificate of authorisation for Chartered Electrical Safety Engineer at any time, on noticing of indulging in willful negligence, mal-practice, misuse and/or any other activities affecting the safety of electrical installation. The concerned Electrical Inspector shall issue the show cause notice to the Chartered Electrical Safety Engineer indulging such activity and if the reply is not satisfactory, he shall recommend for termination (or) suspension to the Andhra Pradesh Electrical Licensing Board.

**Note: Application for authorization as Chartered Electrical Safety Engineer, Form-A and Form-IV can be downloaded from [Downloads](#) section.**