



# TAMIL NADU ELECTRICITY REGULATORY COMMISSION

4<sup>th</sup> Floor, SIDCO Corporate Office building, Thiru.Vi.Ka Industrial Estate, Guindy, Chennai - 600 032.

Phone Nos : ++91-044-2953 5806 / 2953 5816 Fax : ++91-044-2953 5893

Email: [tnerc@nic.in](mailto:tnerc@nic.in)

Website: [www.tnerc.gov.in](http://www.tnerc.gov.in)

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## PRESS RELEASE

In order to stop electrical accidents and loss of human lives, the Tamil Nadu Electricity Regulatory Commission has notified new provisions in the Tamil Nadu Electricity Distribution Code, mandating installation of RCD (Residual Current Device) in all electricity service connections.

### **Salient Features:**

1. In all installation of both single phase and three phase connections of House, Shops, Industries, Hospitals, Parks, Street lights, Temples, Schools, Colleges etc., and temporary service connections, a life saving device called Residual Current Device (RCD) with rated residual operating current not exceeding 30 milliampere must be installed to avoid electrical shock and protect life of the human beings.

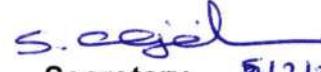
2. Similarly in installation of larger electrical loads exceeding 10 KW like big shops, malls, hospitals, godowns, large scale industries, a common RCD at the point of commencement of supply with rated residual operating current of 300 milliampere must be installed for avoiding fire accidents and protection of properties.

3. To avoid nuisance tripping in installations of larger loads, the electrical circuits should be sub-divided according to loads / segregation of floors or building portions as per the site conditions and an independent RCD shall be provided for each sub divided circuit, so that the people in each portion of the building shall be protected from electrical shock, in case of electrical faults in that particular portion of the building.

4. Applicants seeking new service connections must install the life saving RCD in their installation and declare to the effect in the application itself. No service

connection shall be effected, unless an RCD is installed and safety to the inmates is ensured.

5. Intention of this Commission is to stop the electrical accidents and loss of life. This mandatory provision shall be propagated to the general public and younger generation to spread the awareness on electrical safety and prompt implementation.

  
Secretary 5/17/2021

**Tamil Nadu Electricity Regulatory Commission**