

Research Designs & Standards Organisation  
(Traction Installation Directorate)

1. Introduction & Brief Profile

Traction Installation Directorate is engaged in design, development and introduction of appropriate technology for equipment related to Traction Distribution System. The Directorate is involved in evolving designs & standards to improve the reliability & availability of Traction Power Supply to Traction Distribution Network of Indian Railways. The main activities of the directorate are as under:

- Design & development of equipment used for Electrified Railway's Traction System in India i.e. Traction Sub-Stations Equipment and Over Head Line Equipment.
- Standardization of equipment used for 25 kV Traction System & 2x25 kV AT System.
- Providing technical consultancy in the field of Traction Power Distribution and Railway Electrification to Indian Railways and other agencies like
  - Rail Vikas Nigam Ltd.
  - REMCL
  - MRVC
  - RITES
  - IRCON
  - Various State owned Metro Rail System

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