



JPR5- 906

**JAIPUR VIDYUT VITRAN NIGAM LIMITED**  
**OFFICE OF THE SUPERINTENDING ENGINEER (COMML.)**

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Jaipur, Dated: 24-11-2017

**ORDER**

The work of ensuring proper earthing of 33/11KV S/S along with associated sub-station equipments has already been entrusted to SE(M&P). The work of proper earthing of distribution networks being ensured by O&M officers. In view of this, all the officers of M&P and O&M wing are hereby directed to ensure earthing provisions as per Central Electricity Authority (Technical Standards for Construction of Electric plants and Electric lines) Regulation 2010 and Central Electricity Authority (Measures relating to safety and Electric supply) Regulation 2010 amended time to time.

It is, therefore, again reiterated that respective SE(M&P) will ensure proper earthing arrangement of 33/11KV substation to keep the earthing resistance value within permissible limits and will also ensure the step and touch potential within safe limits. All distribution transformers of single phase and three phase rating shall be installed with proper earthing arrangements to ensure safety of personnel, preventing and minimizing damage to the equipment as a result of flow of heavy fault currents and to improve reliability of power supply. The Junior Engineer (O&M) shall ensure the proper earthing of transformer installed in their jurisdiction at the time of their installation and will also conduct periodical checking for healthiness of earthing of DTs in such a manner that earthing of each distribution transformer of single phase and three phase in his jurisdiction is checked in a time cycle of six months. While installing the distribution transformer a certificate in this regard invariably be furnished by the concerned Junior Engineer (O&M) at the time of energization that the transformer is provided with proper earthing arrangements.

All concerned are directed to make strict compliance of above directions.

By order,

  
(S.K. Mathur)  
Chief Engineer (HQ)