

Government of India
Ministry of Railways
Research Designs & Standards Organisation
Manak Nagar, Lucknow - 226011

MAINTENANCE INSTRUCTION No. TI/MI/0007 Rev.0

No. TI/OHE/GA

Dt. 04/06/1984

The Asstt General Manager,
Central Organisation for
Railway Electrification,
Jaika Bhavan, 3rd Floor,
Commercial Road, Civil Lines,
Nagpur – 440 001.

Sub: Use of disc insulator in place of 9- tonne solid core insulators
of 25 kV ac OHE.

Ref: RDSO's letter of even No. dated 04/09/78.

Vide RDSO's letter of even no. dated 04/09/78, RE Projects were authorised to use disc insulators to the extent they were short of supply of 9-tonne insulators at the following locations:-

- i) 25 kV feeder anchor locations.
- ii) Anti-creep anchor locations.
- iii) 25 kV feeder suspension locations.
- iv) Return conductor anchor locations.
- v) Auxiliary transformer jumper suspension locations.
- vi) 25 kV cross-feeders at substations and switching stations.

In view of the better availability of 9- tonne insulators and the fact that the quality control on the manufacture of disc insulators is not adequate and that the disc insulators do puncture occasionally as reported by Eastern Railway, it is considered that only solid core 9-tonne insulators should be used in 25 kV ac OHE for above applications. This supersedes RDSO's letter of even No. dated 04/09/78.

Please acknowledge receipt.

DA: Nil

Sd. (K.K Agarwal)
for Director General /TI.

