

MAINTENANCE  
INSTRUCTION

No. TI/MI/0007

REV. - 0

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
RESEARCH, DESIGNS AND STANDARDS ORGANISATION  
MANAK NAGAR, LUCKNOW-11.

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Effective Date 6/6/84  
Form 646.84  
766.0

No. ETI/OHE/GA

Dated: 4-6-1984.

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

1/2 = 641, 643-5

Subj: - 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 4-9-78.

Vide RDSO's letter of even no. dated 4-9-78, 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) Anticreep 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. ✓

2. 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 4-9-78.

Please acknowledge receipt.

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

P.T&O:

*Design of disc insulator agreed due to*