

**Government of India**  
**Ministry of Railways**  
**Research, Designs & Standards Organisation**  
**Manak Nagar, Lucknow - 226 011**

No.EL/3.2.1

Dt.03.05.1994

**MODIFICATION SHEET NO. RDSO/WAM4/182**

**PROVISION OF CREPE PAPER ON BARE BUS BUS BARS OF TRANSFORMERS**

**1. OBJECT**

The presence of bare copper bus bar in the transformer oil accelerates oxidation in transformer oil and thus the acidity and sludge formation. It is necessary to cover bare copper bus bars with suitable material. Crepe paper covering is considered ideal for this application.

**2. WORK TO BE CARRIED OUT**

- Wrap 3 layers of crepe paper, half-lap on bare bus bars.
- Either end of crepe paper to be pasted with Fevicol.

**3. APPLICATION TO CLASS OF LOCOMOTIVES**

On all AC locos.

**4. (a) MATERIAL REQUIRED**

Insulating crepe paper tape of 0.2 mm thick x 25 mm wide, Fevicol.

**b) MATERIAL RENDERED SURPLUS Nil**

**5. AGENCY FOR IMPLEMENTATION**

- i) All POH shops during repair and overhaul.
- ii) Transformer manufacturers.

**6. REFERENCE**

Item 4 (Page7) of minutes of XXI MSG(EL) meeting held on 22nd and 23rd Dec, 93 . circulated vide RDSO letter No. EL/2.1.8 dtd. 24.1.94.

**7. MODIFICATION DRAWING**

Nil.

**8. DISTRIBUTION**

As per enclosed list.

Reel

Encl: as above

(R. N. LAL)  
For Director General (Elect).