

No. EL/3.2.27

Manak Nagar, Lucknow-226011.
Dated: August 4, 1979

MODIFICATION SHEET NO. RDSO/WAM/4/88

**PROVISION OF INSULATED BARRIER AT REAR SIDE OF
SIGNALLING FUSE PANEL ON WAM/4 LOCO RECTIFIERS
OF M/S RUTTONSHA MAKE.**

1. Object of modification :

Railways have reported few cases of flash over between the dc bus bar and signal fuse holder fixing bolts on M/s Ruttonsha make cubicles. Investigations indicated that against the recent order under execution, firm had provided the signal fuse panel on the dc side instead of ac side as on the earlier supplies. Since the shifting of the fuse panel on the ac side on these cubicles is difficult, it is proposed to provide fibre glass insulated barrier between dc bus bar and rear side of signalling fuse board where these bolts are projecting, to prevent such flash overs. For future built rectifiers the signalling fuse board has been already shifted to ac bus bar and by the firm.

2. Work to be carried out :

- remove front panel of the cubicle
- insert the insulated barrier assembly from the sides of the signal fuse board
- drill two nos. holes of 6 mm dia by a hand drill as indicated 'a' and 'b' in the drawing No. SK.EL.3164 for fixing the barrier. Be careful while drilling as not to cause any damage to the casting and other components
- Check for correct position and mounting of insulated barrier on signalling fuse board.
- Provide the fixing bolts and tighten.

3. Application to class of locomotives:

WAM/4 locos rectifiers of M/s Ruttonsha make where the signalling fuse panel has been provided on dc bus bar side.

4. Material required :

- Fibre glass insulated barrier as per Drawing No. SK.EL.3164 - 1 No.
- M-5 Bolt with nuts and washer - 2 Nos.

Note :- The required material for modification will be supplied to Sheds by M/s Ruttonsha International Rectifiers Ltd., Bombay at free of cost.

5. Modification Drawing No. - RDSO SK.EL. 3164
6. Agency for modification - Electric Loco Sheds.
7. Distribution - As per list attached.

Encis: Drawing No. SK.EL. 3164. (S. Kumar)
for Director General (Elec.)

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