

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

No. EL/3.2.21

DT. 19-05-1998

SPECIAL MAINTENANCE INSTRUCTIONS NO. RDSO/ELRS/SMI/203

SUB :- 25 KV CONDENSER BUSHING ON AC ELECTRIC LOCOS

1.0 OBJECT

- 1.1 Number of cases of fire in AC Electric Locomotives have been reported by Railways. This fire results in bursting of the 25 KV condenser bushing and the oil from the burst bushings further aggravates the fire.
- 1.2 In order to restrict fire in the as Electric Locos, it has been decided to remove oil from the 25 KV condenser bushings.

2.0 INSTRUCTIONS

- 2.1 Remove oil from the condenser bushings.

3.0 REFERENCE

Nil.

4.0 INSTRUCTIONS DRAWING

Nil

5.0 APPLICATION TO CLASS OF LOCOMOTIVES

All AC electric locomotives fitted with 25 KV condenser bushings.

6.0 AGENCY FOR IMPLEMENTATION

- (a) All sheds/shops holding AC electric locomotives fitted with 25 KV condenser bushings.
- (b) CLW not to fill oil in bushings in new locomotives.

7.0 PERIODICITY

Immediately on receipt of the locomotive in the shed/shop, remove oil from the bushings.