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SPECIAL MAINTENANCE INSTRUCTIONS N. RDSO/ELRS/SMI/178

USE OF CORK SHEET GASKET IN PLACE OF RUBBER

1. OBJECT

- 1.1** It has been reported that there are some locomotives running on Indian Railways without any padding between the transformer mounting flange and locomotive beam as against the specific provision of 12 mm. rubber gasket in this location. This rubber gasket plays a vital role in arrestion transformer tank cracks although it has not been possible to co- relate the tank crack cases with the non-availability of the rubber gasket. however, provision of some kind of resilient padding in this location is considered essential to avoid transformer tank crack cases. As the rubber padding tends to deteriorate with time study reveals that nitrile handed rubber cork sheet of 12 mm thickness all help in over-coming the above problem.
- 1.2** The use of nitrile bonded rubber cork sheet is being recommended in vies of its better performance characteristics and longer life.

2. INSTRUCTIONS

- i) procure Nitrile bonded rubber cork sheet of 12 mm thickness, conforming to IS: 4253 part II 1968.
- ii) Put two numbers gasket to the same size as the existing 12 mm rubber packing between the transformer flange and loco beam from (i) above.
- iii) Grill holes on the two pieces of the cork sheet gasket of the same diameter and at the same locations as on the rubber packing.
- iv) Replace the rubber packing with these cork sheet gaskets.
- v) This rubber gasket is obtainable from (a) M/s cork industries, Madras and (b) M/s cortical industries Madras.

3. REFERENCE

Discussing with M/s BHEL, on 17.03.95

4. PERIODICITY

Whenever the transformer is removal from the loco.

5. INSTRUCTION DRAWING

Nil.

6. APPLICATION ON CLASS OF LOCOMOTIVE

All AC and AC/DC electric locomotives.