

SMI/141

Government of India
Ministry of Railways
Research Designs & Standards Organisation
Manak Nagar, Lucknow-226011

No. EL/1.3.10/J-3

Dated April, 1992

SPECIAL MAINTENANCE INSTRUCTION NO. ELR3/SMI/141

1. OBJECT

It has been reported that the clearances of suspension bearing are not been monitored/checked regularly so as to ensure dimension within the prescribed limits. Higher clearance then permitted may lead to severe damages to Traction Motor part.

2. WORK TO BE DONE

A cyclic check of the Diametral clearances & lateral clearances should be done to ensure the clearances are well within stipulated limits. Replace lining if, they have reached the condemning limits.

3. PARTICULAR OF AXLE BEARING CLEARANCES

	Description	New Dimension	Condemning dimension in mm
3.1	Dia metral clearance	0.3556	1.727
3.2	Lateral Clearance	0.704 at each end 1.597 (Total)	3.175 at each er 7.937 (Total)

4. REFERING DRG. & SPECIFICATION

As per enclosed sketch.

5. APPLICATION

TM type 253 BX/BN/4601 AZ

6. PERIODICITY OF IMPLEMENTATION -

After each overhaul, AOH & POH

7. AGENCY OF IMPLEMENTATION

All AC EMU Car Sheds, Repair & POH Shops.

8. DISTRIBUTION

As per list attached.

Encl: As above

प्रवीण जैन
(P.K.Jain)
for Director General/Elect.

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