

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RESEARCH DESIGN AND STANDARDS ORGANISATION
MANAK NAGAR, LUCKNOW- 226011**

NO.EL/3.1.38

Dated: 28.12.99

**SPECIAL MAINTENANCE INSTRUCTION
NO.RDSO/ELRS/SMI/0215-99(REV.0)**

1.0 TITLE:

Re-adjustment of sander pipe nozzle height fitted on WAG7, WCAM3 and WCAG1 loco.

2.0 BRIEF HISTORY:

The sander nozzle height is being maintained at 35 mm as per RDSO Drg.No.SKDL 4192. Therefore, the cases of breakage of sander nozzle are very high resulting into disuse of sander in locomotive.

3.0 APPLICATIONS:

WAG7, WCAM3 and WCAG1 class of AC Electric Locomotive.

4.0 OBJECT:

The height of the sander pipe nozzle to be raised suitably so that it could not be hit by ballast and get damaged.

5.0 INSTRUCTION

5.1

As per Motive Power Directorate of RDSO's maintenance instructions No.VL.MI-01/ 96 of Nov.96 issued for high adhesion bogie fitted on WAG7 loco, the height of sand delivery pipe should be 60 mm above from rail level.

5.2 The height of sander pipe can be easily adjusted by sliding support plate in upward position with the help of fixing bolts and nuts so that the sander nozzle height is maintained to 60 mm above rail level.

6.0 INSTRUCTION DRAWING: Nil

7.0 AGENCY FOR IMPLEMENTATION;

All Electric Loco Sheds
POH Workshops.
CLW

8.0 PERIODICITY OF IMPLEMENTATION

During trip **IA/IB/IC** inspection of loco and in major schedule in the sheds. By CLW during manufacturing of new loco

9.0 DISTRIBUTION

As per mailing list No.**EL/M/0028 Ver. `O`**

Encl: Nil


(A.K.Gupta)

For Director General/Elect.