

फैक्स/Fax : 91-0522-458500
तार : 'रेलमानक' लखनऊ
Telegram : 'RAILMANAK', Lucknow
टेलीफोन/Tele : 451200 (PBX)
450567 (DID)



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226011
Government of India-Ministry of Railways
Research Design & Standards Organisation
Lucknow - 226011



No.EL/3.2.19

Dated 21.08.2000

22
S.No. 1646

- Chief Electrical Engineer,
-Central Railway, Mumbai CST- 400 001.
-Eastern Railway, Fairlie Place, Calcutta- 700 001
-East Central Railway, Chandrashekharpur, Bhubaneswar- 751 001.
-Northern Railway, Baroda House, New Delhi-110 001
-North Central Railway, Hasting Road, Allahabad-211 001.
-Southern Railway, Park Town, Chennai-600 003
-South Central Railway, Rail Nilayam, Secunderabad -500 371
-South Eastern Railway, Garden Reach, Calcutta-700 043
-South Western Railway, Bangalore - 560 046
-Western Railway, Churchgate, Mumbai -400 020
-West Central Railway, Jabalpur.
-New Zone Railway, Bilaspur.
-Chittaranjan Locomotive Works, Chittaranjan- 713 331

33665

MODIFICATION SHEET No. ELRS/MS/0291, Rev. '0' - 2000

1.0

Title :

Provision of 1/2" air strainer in the common pipe line connected to port no. 30 of A9 and SA9 pneumatic valves.

2.0

Object :

- Port No. 30 of A9 and SA9 pneumatic valves is connected to MR4. Main reservoir air which enters from port no. 30 to A9 and SA9, is used for regulating automatic as well as independent brakes of the locomotive. It has been reported by Railways that there have been a no. of cases of A9 and SA9 mal-functioning on account of dust as well as moisture ingress into A9/SA9 valves through port no. 30. In the original RDSO's pneumatic circuit for IRARB-2 brake system for electric locos SKDP-2350, Alt.9, there was a provision of one no. 1/2" air strainer in the common pipe line connected to port no. 30 of A9 & SA9 in each of the cabs. Subsequently, this air strainer got deleted by mistake from pure air brake pneumatic circuit used for WAP1/4 class of locomotives, though it used to be continuously provided in WAG7 class of locomotives by CLW.

The aim of this modification is to reinstate the two 1/2" air strainers in the common pipe line connected to port no. 30 of A9 and SA9 valves.

3.0 Work to be carried out :

Two nos. 1/2" air strainers are to be provided in the common pipe line connected to port no. 30 of A9 and SA9 valves wherever not provided.

4.0 Application to the class of Locomotives:

All A.C. and A.C./D.C. Electric Locomotives.

5.0 Material Required : Two nos. 1/2" air strainers.

6.0 Material Rendered Surplus : None

7.0 Reference :

S. No 1639

Reference received from Erode Shed of Southern Railway.

8.0 Modification Drawing : As per enclosed Annexure.

9.0 Agency for Implementation :

- i) All Electric Loco sheds and Workshops for locomotives where 1/2" strainers have not been provided by CLW in the common pipe line connected to port no. 30 of A9 & SA9.
- ii) CLW for all newly manufactured Electric Locomotives.

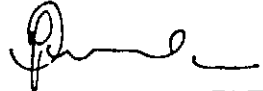
Encl: As above


(O.H.Pande)
for Director General/Elect.

Copy to : As per Standard Mailing List No.EL/M/0028, Ver. '0'.

PIN

Encl: As above


(O.H.Pande)
for Director General/Elect.

d/c