

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RESEARCH, DESIGNS AND STANDARDS ORGANISATION
Manak Nagar,
Lucknow-226011

No. EL/D.1.1.3

Dated 23.3.24

MODIFICATION NO. RDSO//WAM4-181

1.0 TITLE OF MODIFICATION :

Head Light Control Circuit

2.0 OBJECT OF MODIFICATION :

Modification to Head Light Circuit of WAM4/WAP/WAGS Electric Loco for working of head light while passing neutral section had been issued by RDSO vide Modification Sheet No.RDSO/WAM-173. The object of this Modification is to change the control circuit of CPR contactor to avoid possibility of raising both the pantograph while passing through the neutral section.

3.0 DETAIL OF MODIFICATION :

3.1 Provision of blocking diode in series with N/Q contact of QV 53 relay.

3.2 As shown in RDSO Drawing No. SKEL-4291

4.0 MATERIAL REQUIRED :

Diode - 2 Nos.Type S2BR8 (SP) B make M/s. Hind Rectifier Ltd. or equivalent.

5.0 SCHEDULE OF IMPLEMENTATION :

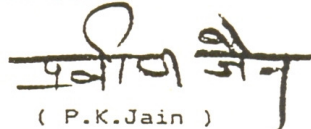
WAGS, WAM4, & WAP class of Locomotives.

6.0 Electric Loco Shed, POH Shops & Production Units

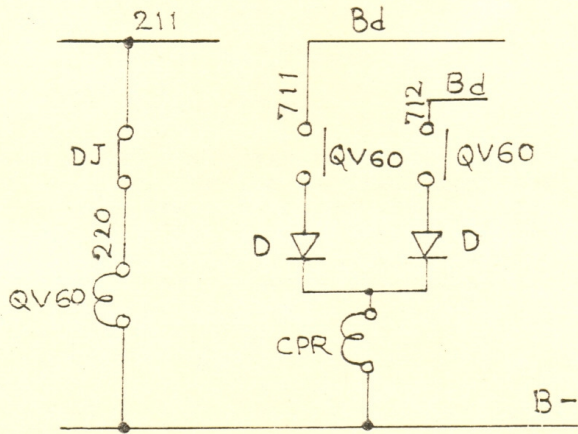
7.0 MODIFICATION DRAWING NO.:

RDSO/SKEL -4291

8.0 DISTRIBUTION : As per enclosed list.



(P.K.Jain)
for Director General/Elec.



Dt	4.3.94
D	<i>Kalyan</i>
T	
C	

REF:-	SCALE:- NTS	APPROVED BY- <i>[Signature]</i> FOR DG
HEAD LIGHT CONTROL CIRCUIT FOR WAM4, WAG5 & WAP ELECTRIC LOCOS.		
RDSO. ELEC. DTE.	SKEL- 4291	