

Fax : (0522)-2452581
Telephone: (0522)-2465715
Telegram : 'RAILMANAK', Lucknow
Email : dsetpl@rdso.gmail.com



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226011
Government of India - Ministry of Railways
Research, Designs & Standards
Organization, LUCKNOW - 226011

No. EL/3.1.14

Dated: 27.01.12

Chief Electrical Engineers,

1. Central Railway, Mumbai CST- 400 001.
2. Eastern Railway, Fairlie Place, Calcutta- 700 001
3. Northern Railway, Baroda House, New Delhi-110 001
4. Southern Railway, Park Town, Chennai-600 003
5. South Central Railway, Rail Nilayam, Secunderabad -500 071
6. South Eastern Railway, Garden Reach, Calcutta-700 043
7. Western Railway, Churchgate, Mumbai-400 020
8. East Cost Railway, Chandrashekharapur, Bhubaneswar- 751 016.
9. North Central Railway, Hasting Road, Allahabad-211 001.
10. East Central Railway, Hazipur-844101 (Bihar)
11. South Western Railway, Hubli-580023
12. West Central Railway, Jabalpur-482001
13. South East Central Railway, Bilaspur-495004
14. Chittaranjan Locomotive Works, Chittaranjan-713 331

Sub: Amendment-1 to technical circular No. RDSO/2011/EL/TC/110(Rev.0) dated 24-06-11

Ref.: (i) This office letter No. EL/3.1.14 Dated. 15-09-11.
(ii) SER letter No.CEE/RS/220/VCD dated 22-12-11.

A technical circular No. RDSO/2011/EL/TC/110(Rev.0) dated 24-06-11 was issued by RDSO giving circuit diagrams for auto regression, penalty braking, instruction to the drivers, procedure for testing VCD in loco sheds and instructions for fitting VCDs in locomotives fitted with MPCS.

South Eastern Railway vide their letter under reference has informed that in MPCS fitted locomotives, in case of tripping in leading loco, notch gets regressed in trailing loco and vice versa due to I-84 of trailing loco gets high through MU jumper and suggested provisioning of blocking diodes between wire no. 113 and 237 i.e. output of O-16 and Output of O-40 so as to avoid above problem. The issue has been examined and accordingly amendment-1 to Technical Circular is enclosed for your information and necessary action.


The above Technical Circular shall be read as RDSO/2011/EL/TC/110(Rev.0) dated 24-06-11, Amendment-1.

Encl: As above


(Sandeep Srivastava)
for Director General (Elect.)

Copy to: 1. Secretary (Electrical traction), Railway Board, Rail Bhawan New Delhi-110001
2. Sr.DEE/TRS/ELs (As per standard mailing list).

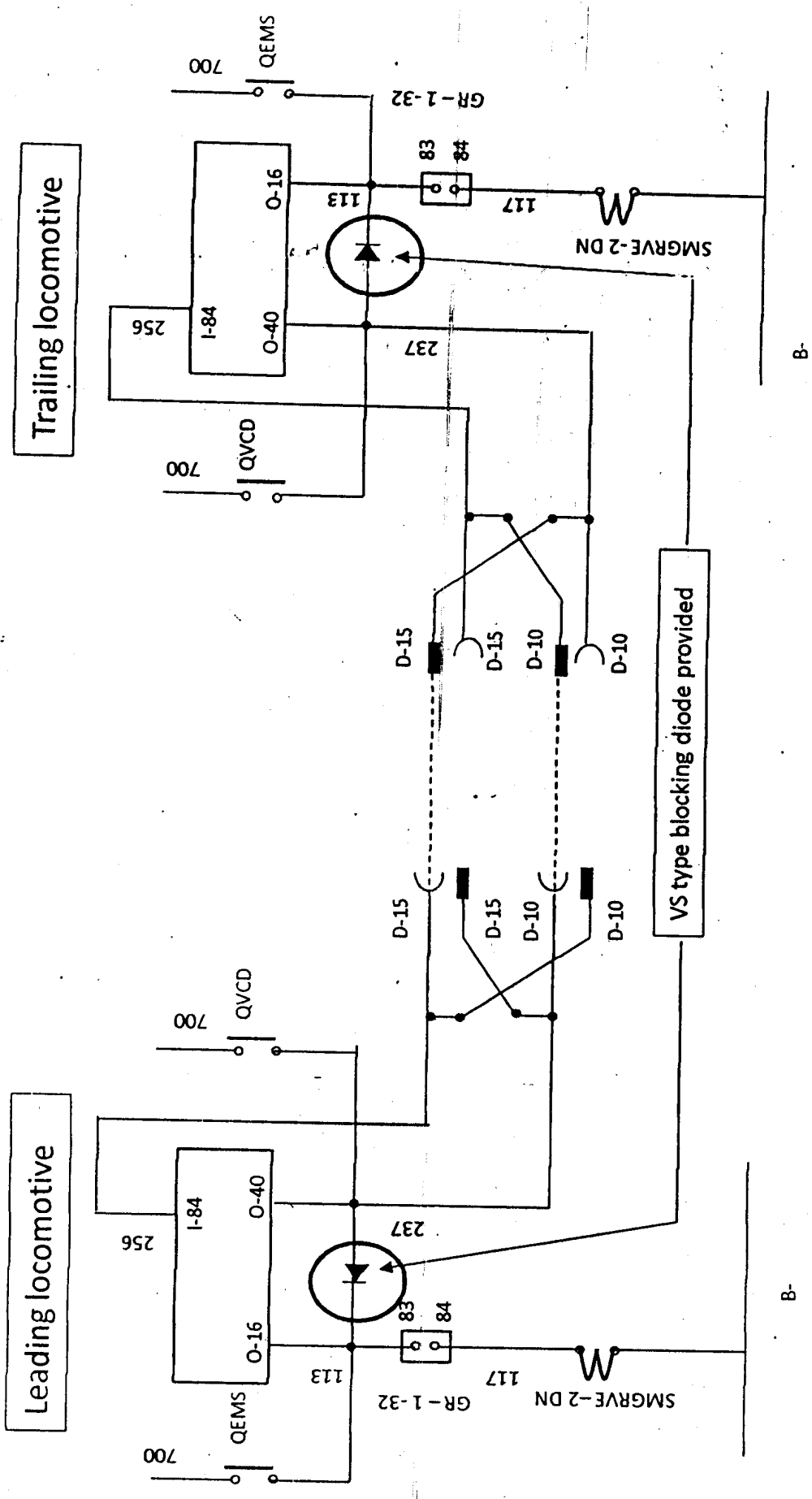
Encl: As above


(Sandeep Srivastava)
for Director General (Elect.)

6/L

**Amendment no.1 to Technical Circular No. RDSO/2011/EL/TC/110(Rev.0)
dated 24-06-11**

S. No.	Existing arrangement	Amended as
1.	Annexure-VI Instructions for fitting Vigilance Control Device in locomotives fitted with MPCS	Para E to be added in Annexure-VI as follows: One no. blocking diode VS type shall be provided between wire No. 113 (output of O-16) and wire no. 237 (Output of O-40) to prevent shorting of wire no. 113 and 237 Alternatively supply from output of two separate N/O contacts may be extended to wire no. 113 and wire no.237. Please refer Schematic-3 (attached) for providing blocking diode.



Modified Circuit Diagram