

Government of India
Ministry of Railways

Research, Designs & Standards Organisation

Ref: EL/ 3.1.3/E7

Lucknow,
6.1977

MODIFICATION SHEET No. RDSO/WAM4/47

- 1 Title of modification
Support for C118 control cables.
- 2 Application to class of loco
WAM4 locomotives.
- 3 Object of modification
Incoming and outgoing control cables for C118 hang loose and sway unrestricted in all directions while the locomotive is in motion. This results in snapping or cutting of the wires at the terminal lugs. To overcome this problem it is proposed to provide a support for the control cables below C118 contactor.
- 4 Modification Drawing No.
RDSO SK EL 2663.
- 5 Agency for modification
Railways - All WAM4 locomotives.
Chittaranjan Locomotive Works - Locomotives under production.
- 6 (a) Material required and specification
As per Drawing No. SK EL 2663.
Empire tape - 10 metres.
(b) Material rendered surplus
Nil.
- 7 Work to be carried out
A MS rod support conforming to RDSO Drawing No. SK EL 2663 should be fabricated and welded to C118 contactor frame. The entire surface length of the support should be covered with empire or non-hygroscopic insulating tape with one half overlapping layer. The incoming and outgoing cables should be supported with plastic clamp before connecting these to C118 contactor.

8 Reference

Ghaziabad Shed. N. Rly.

9 Distribution

Secretary (Elec. Traction), Railway Board, New Delhi.

General Manager (Electrical)

Central Railway, Bombay.

Eastern Railway, Fairlie Place, Calcutta.

Northern Railway, Baroda House, New Delhi.

South Eastern Railway, Garden Reach, Calcutta.

Western Railway, Churchgate, Bombay.

Chittaranjan Locomotive Works, Chittaranjan, W. Bengal.

Superintendent Workshop,

Eastern Railway, Kanchrapara.

Dy Chief Elec Engineer

Central Railway, P. M. Shop, Bhusaval.

Eastern Railway, Kanchrapara.

Dy Chief Elec Engineer (Design)

Chittaranjan Locomotive Works, Chittaranjan.

Senior Divisional Elec Engineer (TRS)

Central Railway, Kalyan.

Eastern Railway, Asansol / Mughasari

Northern Railway, Kanpur.

South Eastern Railway, Tatanagar/Bhilai.

Divisional Elec Engineer (TRS)

Central Railway, Bhusaval.

Northern Railway, Ghaziabad.

Western Railway, Baroda (Gujrat).

Dy Director Inspection (Elec)/RDSO

c/o Chittaranjan Locomotive Works, Chittaranjan,

W. Bengal.

Bally Singh
(B.S. SDE)

for Director General (Elec).

