

NORTH EASTERN RAILWAY

CE'S P.WAY CIRCULAR NO.67 OF 1980.

CASE NO.W/364/9/RCC/W-4A

USE OF 2 BLOCK R.C.C.SLEEPERS (M.G.)
IN THE YARDS.

Because of acute scarcity of line sleepers, most of the available sleepers have been used in mid section leaving the condition of yards to progressively deteriorate. To meet the demand of sleepers in the yards, it has been decided to develop arrangements for large scale manufacture of two block RCC sleepers (M.G.) for yards on the basis of RDSO's Drg. No.T/153-T/154.

Following instructions are being issued for guidance of staff for laying of two block RCC sleepers:-

- (1) These sleepers have been designed for speeds upto 32KM.per hour for MG yards. In running lines and important busy sidings sleepers with tie rods, only should be used, whereas in inner sidings sleepers with the rods and without tie rods may be used alternatively.
- (2) Tie rods should be cleaned and painted with bituminous emulsion (L.P.56192) before laying. Bolts, nuts clips should be lubricated with black oil or reclaimed oil. Tie rods & fittings should be repainted or lubricated in service if required.
- (3) These sleepers should not be used for scattered renewals. Through sleepers renewal in reasonable stretches should be carried out and released serviceable wooden sleepers should be used for scattered renewals.
- (4) These sleepers should not be used on track circuited lengths or where track circuiting is expected to be done in near future, as arrangements for insulation are still not finalised.

(5) Different rail sections could be used by interchanging suitable clips on these sleepers. The arrangement of clips with different common rail sections in yards is shown in the Annexure I.

(6) Fittings will be stocked in Track Depot/ML and BSB and will be released according to the requirement of P.W.Is.

(7) 50,000 sleepers are programmed for manufacturing annually. Division should submit their requirement annually by 10th of April alongwith O & Ø statement, in the proforma given in Annexure II attached. Sleepers shall be allotted from Head Quarters.

Please acknowledge receipt.

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(ANNEXURE I)

USE OF CLIPS ON TWIN BLOCK R.C.C.SLEEPERS
TO R.D.S.Os' DRG.NO.T-155-154 WITH DIFFER-
ENT COMMON RAIL SECTION IN Y A R D S .

RAIL SECTION	C I CLIPS	
	OUTSIDE	INSIDE
60 lbs. RBS	CE/21/1979	CE/21/1979
60 lbs. ASCE:	CE/21/1979	CE/21/1979
50 lbs. RBS	CSO/C 2138(M)	CE/21/1979
50 lbs. BS	CSO/C 2138(M)	CE/21/1979
50 lbs. NS	CSO/C 2140(M)	CSO/C 2138(M)

NOTE: Minor variation of gauge has been allowed
by using clips in the above chart to
minimise the number of rail clips.

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(ANNEXURE II)

STATEMENT SHOWING REQUIREMENT OF
TWIN BLOCK R.C.C.SLEEPERS.

S. No.	Sec- tion of Rail	Location		Requirement of sleepers		Requirement of fittings		Stock available	
		Runn- ing line impor- tant sid- ing No.	Un- im- por- tant sid- ing No.	With ties	With out ties	Bolts 18x 180 mm	Clips Drg.Qty No.	Slee- pers with tie	Clips