



भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
(रेलवे बोर्ड Railway Board)



No. 2023/CE-I/GNS/4

New Delhi, Dated 22.05.2023

**The Principal Chief Engineers
All Zonal Railways**

Sub: Review the sanction strength of Track Maintainers – SSEs wise

Zonal Railway is requested to calculate the Track Maintainers strength – SSE wise, as per MCNTM (Manpower and Cost Norms for Track Maintenance) formulae in the enclosed sheet. The data may be collected as on 01.04.2023, total track kilometers and other relevant parameters with division. The above details must reach in this office not later than 05.06.2023 for further perusal of Board.

DA: As above (3 pages)

(Signature)
22.05.23
(गौरव)

निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड
[Rly No. 030-47598, MTNL No. 011-23047598]
e-mail address: dceg@rb.railnet.gov.in

Copy to:

The General Managers, All Zonal Railways

SAMPLE

Central Railway, Nagpur Division

Track Maintainer Strength Review - SSE wise

Total Track Km Length and Sanction Strength/On Roll Strength (Col. No. 18 & 19) as on 01.04.2023

Manpower Required for Activities M (For Legend pls ref p/92 of Report on Manpower Norms)

S. N	Div	Sub Div Full Name	SSE Desgn .	Manpower Required for T Factor #	Manpower Required for R Factor #	M.1	M.2	M.3	M.4	M.5	M.6	M.7	M.8	Total Manpower Required for M Factor #
						Monsoon patrolling \sum (Dxbxsm) 1 to N	Hot weather patrolling of LWR track Lw x 30	Cold weather patrolling of LWR track Lw x 12	Watching vulnerable locations $\sum(s \times d)$ 1 to N	Gate keeping at level crossings $365 \times \sum_{1 \text{ to } N} s$	Rest giving for keymen K(365 - 294)	Waterman duty N x 294	Store-watchman duty N x 3 x 365	
1	2	3	4	6	7	8(i)	8(ii)	8(iii)	8(iv)	8(v)	8(vi)	8(vii)	8(viii)	8.00
1	NGP	BZU	KQE	71	66	12.41	9.88	3.95	17.14	18.64	3.38	7.00	7.48	79.88
2	NGP	BZU	GDYA	65	57	4.90	7.22	2.89	17.14	8.69	2.90	6.00	7.45	57.19
		-	-	-	-	-	-	-	-	-	-	-	-	-
Total				136	123	17	17	7	34	27	6	13	15	137

[Signature]
22.05.23

SAMPLE


Manpower Required for Activities S (For Legend pls ref p/93 of Report on Manpower Norms)

S.1 Tunnel mainte nance 1.2x0.2 94x∑ (l x r) 1 to N	S.2 Bridge substructure maintenance 1.1x0.294x∑ (b x r)	S.3 Long girder maintenance 0.64 x∑ (b x r) 1 to N	S.4 Extra maintenance due to very sharp curves, deep cutting and steep gradients Lc x 294	S.5 Maintenance of track on extremely bad formation 0.6 x ∑ l 1 to N	S.6 Lookout man duty 294 ∑ v/g 1 to N	S.7 Fogsignal man duty Mf /3	S.8 Filtth removal from track f x 294	S.9 Security patrollin g Ms /3	S.10 Watching of waterlevel in suburban sections ∑ (s x d) 1 to N	Manpowe r Required for S Factor #
9(i)	9(ii)	9(iii)	9(iv)	9(v)	9(vi)	9(vii)	9(viii)	9(ix)	9(x)	9.00
0.00	1.28	0.00	1.50	20.41	4.55	0.0	1.00	0.00	0.00	28.74
0.00	0.00	0.00	0.98	4.08	2.44	0.0	1.00	0.00	0.00	8.50
-	-	-	-	-	-	-	-	-	-	-
0	1	0	2	24	7	0	2	0	0	37

22.05.22

SAMPLE

Sum of col (6 to 9)	Mate Reqd.	Keyman Reqd.	Sanction Strength of Gatemen Including Leave Reserve	Trolleyman Reqd.	Sum of col (10,11,12 and 14)	Leave Reserve (12.5% of col(15))	Track Maintainer Reqd. (sum of col 13, 15 & 16)	Track maintainer Present Sanctioned Strength (Mate, Keyman, Gatemen, Trackmen & Trolleyman) as on 01.04.2023	Present On-Roll Strength (01.04.2023)
10	11	12	13	14	15	16	17	18	19
245.62	11	14	45.00	15.00	286	36	366	273	196
187.69	9	12	33.00	15.00	224	28	285	206	163
-	-	-	-	-	-	-	-	-	-
433	20	26	78	30	509	64	651	479	359


22.05.23