



PBC No:246 / 2023
RBE No:139 / 2023

दक्षिण रेलवे Southern Railway
प्रधान मुख्य कार्मिक अधिकारी कार्यालय
Office of the Principal Chief Personnel Officer
प्रधान कार्यालय, कार्मिक विभाग, चेन्नै-600003
Headquarters, Personnel Department, Chennai-600003

सं/No: P(R)524 / P / Yardstick

दिनांक/Dated: 14.12.2023

All PHODs/ DRMs/ CWMs/ CEWE/ CAO/ CPM/ PDA/ Dy.CPOs/ Sr.DPOs/ Secy to GM,
Chairman/RRB/MAS,TVC, Addl.Registrar/RCT/MAS, Secretary/RRT/MAS,
Principal MDZTI/TPJ, SRCETC/TBM, ZETTC/AVD,
DPOs/SPOs/WPOs/APOs of HQ/Divisions /Workshops/Units.

विषय/Sub :Revision of Yardsticks of Mechanical Department

A copy of Railway Board's letter No. E(MPP)2021/1/11 dated 12.12.2023 alongwith its enclosure on the above subject is enclosed for information, guidance and necessary action.

Railway Board's letter dated 30.09.2019 referred therein is enclosed for reference.

संलग्नक/Encl.06 pages.

ROJA
MURALI

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ROJA MURALI
Date: 2023.12.14
16:00:00 +05'30'

सहायक कर्मचारी संबंधी अधिकारी/Asst. Personnel Officer / IR & Trg.

कृते प्रमुकाधि/For Principal Chief Personnel Officer

प्रतिलिपि/Copy to: The General Secretary/SRMU

The General Secretary/AISCTREA

The General Secretary/AIOBCREA

The General Secretary/NFIR

IT Section/PB/HQ - to upload in the SR website.

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)**

RBE No. 139 /2023

No. E(MPP)2021/1/11

Dated, 12/12/2023

**The General Managers,
All Indian Railways, including Production Units and Others**

Sub: Revision of Yardsticks of Mechanical Department.

Ref: This office letter no. E(MPP)2019/1/12 dtd. 30/09/2019.

The revised yardsticks for some of the activities of Mechanical department were issued vide letter under reference.

2. In continuation to above, the yardsticks for Freight maintenance activities of Mechanical department have been revised **provisionally**, subject to variation after finalization of yardsticks for Mechanical coaching and other yardsticks for mechanical department,

Manpower Yardstick of freight maintenance activities of Mechanical Deptt

"0.10 Staff per Wagon*. The activity wise detail attached as annexure will be used for guidance in deciding the manpower."

*** per wagon will be counted as no. of wagons attended in the previous year.**

3. Henceforth, the requirement of Manpower for the said activities should be calculated based on the revised yardsticks. The manpower for the existing assets should be reviewed, based on the revised yardsticks and excess posts, if any, may be surrendered.

4. All the clarifications/queries/references, if any, regarding revised yardsticks are to be made to Mechanical directorate, Railway Board.

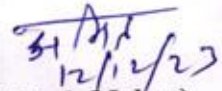
5. This supersedes all earlier instructions on the yardsticks for above activities, issued in past. This includes provision for leave reserve and rest givers.

6. It may be noted that post creation is banned at present in view of directions of DoE, Ministry of Finance as already circulated earlier.

7. This issues with the concurrence of Finance Directorate of the Ministry of Railways.

8. Please acknowledge the receipt.

DA : A/A


(Amit Singh Mehra)
Director(MPP)
Railway Board

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Activity based Yardstick for Freight Maintenance

S. No.	Category	Unit	Revised Yard Stick
1	Wagon ROH (based on 1.5/2 years periodicity)	Manhours/ROH	150
2	CC Examination (based on 7,500 Km periodicity)	Manhours/rake	100
3	Premium Examination (based on 12+3 days periodicity)	Manhours/rake	75
4	End to End Examination	Manhours/Wagon	56
5	Sick line attention	Manhours/rake	32
6	Indirect Staff for Sick-Line	% of Sickline Staff Strength	8%
7	Rolling In/Out Examination	Man/shift	4
8	"A" Category Unloadable Repairs	Manhours/Wagon	24
9	"B" Category Unloadable Repairs	Manhours/Wagon	48
10	"C" Category Special Repairs	Manhours/Wagon	250
11	UST of Axles	Per shift	2
12	Store	Work-centre	4
13	Break-Down Gang for Roadside attention	Yard	4
14	M&P Maintenance	% of Total Staff Strength	4%
15	SSE/JE	Ratio of Total Staff	01:08

Note:

The norms do not cover Ministerial staff and Divisional Control Staff which may be provided according to local practice and includes outsourced manpower other than cleaning.

The above is subject to the total yardstick of 0.10 person per wagon.

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD

No. E(MPP)2019/1/12.

New Delhi, Dated. 30/09/2019

The General Managers,
All Indian Railways, including Production Units and
Others

Sub: Revision of Yardsticks.

An action plan was formulated by Board for Manpower Management, wherein, it was decided that yardsticks of O&M activities of various departments be revised taking into account technology Upgradation, Outsourcing experience and Benchmarking standards set by different Railways.

2. Accordingly, the yardsticks of certain activities have been revised and enclosed as an Annexure.
3. Henceforth, the requirement of Manpower for the said activities should be calculated based on the revised Yardsticks. The Manpower strength for the existing assets should be reviewed, based on the revised Yardsticks and excess posts be surrendered.
4. All the clarifications/queries/references, if any, regarding revised yardsticks are to be made to respective Directorates.
5. This issues with the concurrence of Finance Directorate of the Ministry of Railways.
6. This supersedes all earlier instructions on the Yardsticks of the respective activities, specified in the annexure enclosed.
7. Please acknowledge receipt.


30/9/19
Ajay Jha
Joint Director E(MPP)
Railway Board

Annexure to Board's letter no. E(MPP)2019/1/12 dated. 30/09/2019

1. Yardstick for TRD activity of Electrical Department for Non-Suburban Area is fixed as 0.22/Track Kilometer, with the following activities to be additionally outsourced.

Activity	Remarks
OHE non-power block	These activities to be outsourced. Only minimum Supervisory agency and related work to be in house.
OHE other works	
PSI Maintenance	All PSI activities to be outsourced. Only minimum supervisory and supporting staff required to monitor.
PSI Operation & Manning	
Centralized Activities	Activities excluding TPC manning, drawing and technical staff including clerical staff and Helpers at home.

2. The revised staff Yardsticks for Electric Loco Maintenance (TRS) in loco sheds for different types of locomotives are decided as under,

Type of Locomotives	Revised Yardstick
Conventional Loco(freight) with DC drive with Hitachi TM(WAG5) and NAG7	3 staff / loco
Other conventional locos with DC drive including coaching locos	3.5 staff / loco
3-phase locomotive (WAG9, WAP7)	2.5 staff / loco.

with activities for outsourcing noted heretinder :

Already a number of activities are mandated to be outsourced and are being outsourced in various loco sheds. In addition the following activities to be additionally outsourced:

Conventional Locomotives – DC TM overhauling; overhauling of contractors by OEMs; Overhauling of auxiliary motor.

Three Phase Locomotives – Compressor overhauling; TM overhauling; Overhauling of Auxiliary motors

Further, activities to be outsourced can be identified by respective loco sheds and followed accordingly with the approval of respective PCEE on local need basis and local conditions.

3. Crew Review – Freight Services

After review of various methods followed by different Zonal Railways, it was decided to uniformly adopt on all Zonal Railways, the following method for requirement of freight crew:

- the method of progressive crew hours based on peak six monthly review, i.e. 12 fortnights for the preceding year, should be followed for calculating the bare crew requirement ; and
- the additional requirement Leave Reserve, Rest Giver etc shall be governed by extant rules.

[Handwritten Signature]
30/09/19
JD/MPP

4. **Coach Maintenance – Electrical : Maintenance & escorting staff for AC coaches as well as maintenance staff for TL coaches.**

Revised yardstick for Coaching stock (Electrical) for maintenance for AC coaches, TL coaches; power cars, escorting staff & train passing staff in the Coaching depot is as under :

Activity	Revised yardsticks
(a) TL COACHES:	
(a) Primary maintenance: SG TL/LHB TL coaches	0.24 staff per coach holding for primary maintenance (ICF).
(b) Secondary maintenance: SG TL/LHB TL coaches	0.15 staff per coach handled for secondary maintenance.
(c) Train passing for TL/AC coaches	0.05 staff per coach holding
(d) Sick line attention.	0.05 per coach holding.
(ii) AC COACHES:	
(a) Primary maintenance :	
ICF & LHB SGAC coach with RMPU	1.10 staff/coach holding for primary maintenance
ICF & LHB EOG AC coach with RMPU	0.8 staff/coach holding for primary maintenance
(b) Secondary maintenance:	
ICF & LHB SGAC coach with RMPU	0.46 staff/coach holding for Secondary maintenance
ICF & LHB EOG AC coach with RMPU	0.36 staff/coach holding for Secondary maintenance
(c) Sick line attention	0.20 staff per coach

Handwritten signature and initials:
 P. N. S. / S. V. A. / R. D. M. P. P.

5. Coach Maintenance – Mechanical

Primary Maintenance	ICF/LHB STOCK	0.85/Coach (ICF&LHB) with Interior amenity attention to be outsourced
Terminal attention under RPC-4	ICF/LHB STOCK	0.3 Man/Coach
PF return trains nominated for Rolling In Examination + Clean Train Station etc.	ICF/LHB STOCK	0.2 Man/Coach
Sick Line		0.12 Man /Coach
Inspection Carriages	Per IC holding	1.76 Man/IC holding
Staff training (Requirement of trainer)		As per training norms
<ul style="list-style-type: none"> • ART & Accident relief, • Mill Wright, • Welfare measure, • Ancillary staff 		<ul style="list-style-type: none"> • Existing norms for ART & Accident relief • Balance activities to be on need basis.
Linen Management	Per AC coach holding	0.18/AC Coach holding* * Zonal Railways to consider outsourcing this activity.

Note:

1. Leave reserve & rest givers may be provided as applicable in addition to above yardstick.
2. The norm does not cover Ministerial staff and Divisional Control staff.

Activities to be outsourced:

1. All coach cleaning and watering activities including en-route watering (Already identified for outsourcing).
2. Coach amenity attention including carpentry, welding, trimming, plumbing/pipe fitting and provision of items like window glass, mirror, bottle holder, snack table, taps and faucet etc.
3. Attention to fire extinguishers (Already outsourced).
4. Linen washing and distribution (Already outsourced on most of the depots).
5. New amenity/security activities like PA/PIS, CCTV & Infotainment etc.


 24/9/19
 JSD/MP