

**भारतसरकार/GOVERNMENT OF INDIA**  
**रेलमंत्रालय/MINISTRY OF RAILWAYS**  
**(रेलवेबोर्ड) (RAILWAY BOARD)**

No. 2016/CE-II/TS/2/CC+8+2t

दिनांक/Date: 13.11.2024

**General Manager,**  
**All Zonal Railways.**

**Sub: Operation of CC+8+2t (22.9t) loaded trains.**

**Ref: Board letter no. 2019/CE-II/TSC/88/Puri dated 28.08.2020 (Copy enclosed).**

1. Track structure for operation of CC+8+2t loaded trains with varying speed was issued vide letter under reference. It was brought out in the para 2.2 of the said letter that 52kg track structure is inadequate for operation of CC+8+2t axle load wagons and in view of 22.9t axle load wagons already operating on 52kg track at 60 kmph, certain actions which inter-alia include installation of WILD, detachment of defective wagon, readjustment/detachment of overloaded wagons, carrying out USFD testing at higher frequency, replacement of 52kg rail on priority etc. were stipulated.
2. Similarly, operation of CC+8+2t axle load primarily on 60kg rails but having very small stretch of 52kg track on new routes was also permitted with similar stipulations as mentioned in para 1 above.
3. It has been noted recently that defect generation rates on 52kg 90UTS rails have accelerated on the routes of higher axle load (CC+8+2t).
4. Zonal Railways are therefore advised to ensure compliance of stipulations as mentioned in letter dated 28.08.2020. Expeditious action is required to be taken for replacement of 52kg rails to 60kg.
5. Further, as an interim measure, USFD testing for all CC+8+2 routes on 52kg rails, irrespective of temperature zone, shall be carried out at a frequency as mentioned below superseding the provision given in para 6.6.1.2 of 'MANUAL FOR ULTRASONIC TESTING OF RAILS AND WELDS, Revised-2022'.

Routes	GMT	Testing frequency Once in
CC+8+2 routes	$\leq 10$	4 months
	$> 10 \leq 20$	2 months
	$> 20$	1 month

6. Zonal Railways are advised to take necessary action on its said directions at the earliest.

This is issued with the approval of Board (MI).

22/11  
13.11.24

**(S.M. Pandey)**  
**Exec. Dir. Civil Engg.(Plg.)**  
**Railway Board**

**Copy to: PED/Infra-I/RDSO for information & necessary action.**