

भारत सरकार (GOVERNMENT OF INDIA)  
रेल मंत्रालय (MINISTRY OF RAILWAYS)  
रेलवे बोर्ड (RAILWAY BOARD)

No.2016/CE-II/Safety/Precaution

New Delhi, date 21.09.2023

**Principal Chief Engineers  
All Zonal Railways.**

**Sub: Winter precautions to prevent rail/weld failure – Safety of Track**

Winter will set in shortly in most parts of the country. Sufficient measures should be taken to prevent Rail/Weld failures in coming winter. Relevant Instructions should be reiterated in field upto the lowest level. Some of the activities requiring specific attention are mentioned below:

- (i) Examination & Lubrication of Rail Joints including bolt holes of Joggled Fish Plates should be completed as per schedule.
- (ii) De-stressing of LWR/CWR shall be completed wherever due.
- (iii) LWR/CWR in RF/WF prone locations should be identified and measures like recoument of missing fittings and de-stressing at lower temperature for winter season may be taken as per requirement.
- (iv) All Arrangements for cold weather patrolling should be made as para 1005(3,4,5) of IRPWM 2020. Patrolman should be provided with GPS Trackers as per Board's letter No. 2017/CE-II/TK/Policy Pt. dated 17.11.2017 for monitoring patrolling and to facilitate quick communication.
- (v) A close watch on rail temperature should be kept and temperature record register should also be maintained by the SSE/P.Way. Cold Weather Patrolling must be introduced as per para 1005(3) of IRPWM 2020.
- (vi) Duty hours of Keymen should be suitably changed so that failures, if any, can be detected in time.
- (vii) Inspection of LWRs/CWRs & SEJs by JE/ SSE/P. Way and ADEN as per Para 354(e) of IRPWM 2020 and attention carried out as found necessary.
- (viii) It should be ensured that there are no arrears of USFD testing and corrective action as per provisions of USFD manual is taken.
- (ix) Rails having corroded flange should be kept under special watch. If necessary, speed restriction should be imposed to ensure safety.

Feedback on action taken be apprised for information of Board.

  
(Pradeep Nagar)

**Executive Director Civil Engg. (Plg)  
Railway Board**

Copy to:-

Sr. PPS/MI - for kind information of Member/Infra  
PPS/AMCE - for kind information of AM (CE)