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मुख्य रेलपथ इंजीनियर



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No. W-HQ/W-4/Track-II/Policy/Circular/23

Date: 19.07.2022

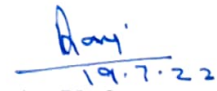
CTE PROCEDURE ORDER NO. 23 / 2022-23

Sub.: Maintenance of CMS Crossings and Joint Rails.

In one of the recent case of JBP division on 18.07.2022 in Dundi yard, rail behind CMS Crossing got fractured and rail head in 240mm length got separated on UP Main line. This lead to unsafe condition and detention of many trains passing over UP Main line towards Jabalpur. In order to eliminate possible fracture of on account of crack initiating from Bolt holes, following shall be implemented with immediate effect:

1. As per IRPWM Para 106 (Table 1B) - Inspection of Turnout over Passenger and running lines is "Once in three months on rotation by SSE/P.Way (In-charge) and JE/SSE/P.Way (Sectional)". Henceforth, it is decided that rail behind crossing should be personally inspected by SSE/P.Way (In-charge) and JE/SSE/P.Way (Sectional) in block during their schedule of inspection of P&C. This will ensure checking of rail behind crossing in every 3 month on rotation by SSE/P.Way (In-charge) and JE/SSE/P.Way (Sectional).
2. Rails behind crossing are subjected to heavy hammering and fatigue, hence, possibility of fracture of these rails is more compared to plain track rail. Hence, it is decided that these rails should be replaced after passage of 50% stipulated GMT of rail.
3. All 4 joints at CMS crossing should be made Gapless.
4. Inspecting SSE/P.Way (In-charge) and JE/SSE/P.Way (Sectional) should ensure Chamfering of all Holes done in rail.

Above instructions should be implemented in field immediately.


19.7.22

(A. K. Gupta)

Chief Track Engineer

C/- DRM/JBP, BPL & KOTA for information.