

## East Central Railway

Office of the  
General Manager  
(Signal & Telecomm)  
ECR, Hajipur

No. ECR-HQ0SnT (CCP)/2/2024  
(Comp.no. 279039)

Dated: 09.12.2024

Dy. CSTE/Works  
DDU, DNR, DHN & HJP  
East Central Railway.


**Sub: Monitoring of Signalling gears in Auto Signalling Works.**

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Auto Signal Systems are being progressively commissioned in ECR. Multiple Signalling assets are being provided in the block section in these works. Panels are being provided at SM's room indicating the health of the signalling system. It is expected that the SM/Loco Pilot inform about any problem in the signalling system that will then be conveyed to the S&T personnel for rectification. This methodology is prone to affect a number of trains in case of faults in S&T systems. Further, maintenance of these gears in mid-section is also a challenge that has to be met with little or no addition in the quantum of manpower. To overcome these challenges, sensor based monitoring of signaling gears is desired for the gears being used for Auto Signalling.

Works units are therefore advised to ensure installation of sensors to monitor the Auto signal gears and to setup a central monitoring system for alerts & notification in the divisions where the auto-signalling is being commissioned.

This has the approval of PCSTE/ECR/HJP.

  
(D.K.Chand)  
Dy.CSTE/Signal/HJP  
for GM (S&T)/ECR/HJP

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- CSTE/Works for kind information,