

पूर्व मध्य रेल

Office of the  
General Manager/S&T  
Hajipur

No. ECR/S&T/MISC (Computer No.279039)

Date:17/03/2025.

Sr.DSTEs,  
DHN/DNR/DDU/SEE & SPJ,  
East Central Railway.

**Sub:- Thick Web Switch-Reduction in failure.**

Installation of Thick Web Switches (TWS) is progressing in divisions and cases of Point machine failures of TWS points are noticed frequently. In order to eliminate/reduce such failures following Electrical parameter to be ensured before installation -

- (i) Adequate operating voltage should reach the point for driving the motor. Extra cables, if required for this purpose, must be laid before conversion to TWS to ensure reliability.
- (ii) Normally, TWS point machines require more current. Hence, the fuse rating for the point operation circuit should be readjusted to 2.5 times the obstruction current. This must be ensured during TWS installation.

राकेश रंजन  
17/03/2025

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मुख्य सिगनल इंजीनियर-I