


No.-ECR/S&T/SIG/Maintenance/Pt-II
DRMs
East Central Railway
DHN, DNR, MGS, SEE & SPJ

Sub: Winter precautions for Signalling System.

To ensure safe and reliable working of signaling gears in ensuing winter, necessary precautions are to be undertaken immediately. The list of precautions for winter & foggy weather is appended below-

- (i) Visibility of all signals should be checked
- (ii) Joint Footplate by Signal sighting committee LI, TI & SSE (Sig) to be done periodically.
- (iii) Luminous paints/strips to be provided on Passenger and Goods warning Boards, Distant Signal (in Double Distant territory), semaphore signals; lifting barriers, sliding barriers and stop boards at interlocked LC gates.
- (iv) Wire run of semaphore signals and LC gates to be adjusted.
- (v) Wherever Solar power is a source of power for Signal/Telecom installations, effective working of DG sets/Local supply/AT supply to be ensured.
- (vi) Proper visibility of road user signal to be ensured.
- (vii) Effective working of hooter/warning bell to be ensured.
- (viii) Provision of effective speed breakers/road rumble strip.
- (ix) Ensure complete opening of winch operated level crossing booms (80° to 85°) through proper balancing & clearance of counter weight, positioning of stopper of drum etc.
- (x) Checking proper visibility of warning board for road users.
- (xi) RDSO type block insulation joints to be maintained and presence of free rail joints to be ensured on both the ends.
- (xii) All type of track bondings to be checked and replaced wherever necessary.
- (xiii) All points adjustment to be done properly, ensuring provision of proper anti creep arrangement.
- (xiv) Equipment like chargers, stabilizers, inverters to be properly sealed to prevent entry of pests, like rats, mice & lizards to prevent short circuiting of terminals.
- (xv) Inspection at Officer's level and supervisory levels, including night inspections, should be intensified during foggy weather for spreading more awareness and alertness among the maintenance staff.

Timely completion of all activities well before onset of winter/foggy weather with necessary co-ordination between different departments may be arranged. Feedback regarding compliance of the same should be submitted by 20.11.2014.


(A.N. Jha)
CSTE 3/11/14

- Copy to:** (i) AGM/ECR for kind information please.
(ii) CSO/ECR for information.
(iii) Sr.DSTEs /DHN, DNR, MGS, SEE & SPJ for information and necessary action.
(iv) Principal, S&T Training School/ECR/DNR.