

Headquarters Office,  
Baroda House,  
New Delhi.

No. 319-W/44/Pt-XV.

Dated: 18.09.2013.

**Divisional Railway Manager,  
Northern Railway,  
Delhi, Ferozpur, Lucknow, Moradabad and Ambala.**

**Subject: - Winter Precautions and Cold Weather Patrolling**

1. As per stipulation of LWR Manual 1996 Para 1.17, 9.1.2 (ii) and Annexure XB, Cold Weather Patrolling is to be carried out when rail temperature is less than td minus 30°C. Timing for cold weather Patrolling should be based on available temperature record on various sections of the divisions for the last 4 years. Maintenance of temperature record has been advised vide this office letter No. 319-W/44/Pt-III dated 22.10.2001 (Annexure A). Preferably the timing for Cold Weather Patrolling should be between 23.00 hrs to 07.00 hrs and Keyman's early morning patrolling shall be from 05.00 am to 09.00 AM during Cold Weather seasons.
2. Keeping the above details in view, Divisions should prepare the planning of patrolling for forthcoming winter season based on available temperature record on various sections of the division for the last 4 years when rail temperature is less than td minus 30°C. In addition to this, divisions identify fracture prone locations. At such locations, plan intensive cold weather patrolling at a temperature of td minus 20°C afresh.
3. On fish plated track, oiling and greasing of joints along with visual examination to detect the cracks should be completed before onset of winter. Oiling and greasing of Fish Plated Track on bridges be done on priority. On LWR/CWR track, winter distressing should be completed before 15.11.2013 and joggle fish plating of old AT welds be ensured.
4. Necessary equipments should be arranged and trained trackmen deputed well in time especially at fracture prone locations.
5. Divisions must submit the planning regarding cold weather patrolling as indicated in para 2 above to this office on the proforma enclosed as Annexure-B by 01.10.2013

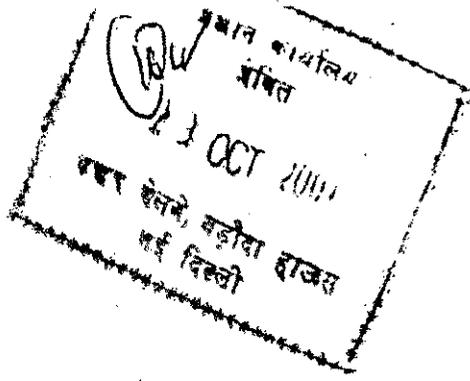
DA/Annexures A&B

  
(Vishwesh Chaubey)  
For GM/Engineering

C/-CBE, CE/G, CE/P&D, CE/TSP, CE/MRTS, CE/TMC, CE/HQ, CE/RC, CE/TMS.

Copy to: - Secy. to Pr. CE for kind information of Pr. CE please  
Cold Weather Patrolling

द प्रकाश  
VED PARKASH  
Phones : 3381162  
83-2381 (Rly.)  
Res  
No.319-W/44/PL.III



मुख्य रेलपथ इंजीनियर  
उत्तर रेलवे, बड़ौदा हाउस  
नई दिल्ली

CHIEF TRACK ENGINEER  
NORTHERN RAILWAY  
BARODA HOUSE  
Dated 22.10.2001  
NEW DELHI

dear Sablok, Singh, Sharma, Sonvir, Mehrok, Rastogi, Surendra, Mal,

Sub:- Maintenance of proper temperature records.

For LWR track, maintaining of temperature records is a very important aspect as is very clearly mentioned in LWR Manual. It is, however, noted that due care is not being given on proper upkeep and cross checking of the recording being done by the person so assigned the job. The temperature recording is basically being done by the chowkidar of the PWI and the recording done specially during night are suspect some times as these temperatures are found to vary from the temperatures prevailing as recorded by various metallurgical departments.

Please ensure that temperature records are cross checked at the AEN/DSE level. During checking, the working of the thermometer and their timely calibrations is to be checked and defective thermometer got replaced. In addition to rail embedded thermometers, minimum and maximum thermometers for recording of temperatures should also be available in the PWI's premises. The temperature recorded by rail embedded thermometer should be compared with minimum/maximum temperatures so recorded. In addition, rail temperature recording should also be carried out by the MTS of the division who will further advise through messages to the various PWIs regarding minimum/maximum temperature range when close to  $td -30^{\circ}C$  during winter and  $td +20^{\circ}C$  in summer.

Acknowledgement of this letter should be obtained by you from all the PWIs/AENs/DSEs and acknowledgement to this office should be sent by the Division.

With best wishes,

Yours sincerely,

(Ved Parkash)

22/10/01

Shri Deepak Sablok, DSE/C, Allahabad  
Shri O.P.Singh, DSE/C, Ambala  
Shri A.K.Sharma, DSE/C, Bikaner  
Shri Sonvir Singh, DSE/C, Delhi  
Shri J.S.Mehrok, DSE/C, Firozpur  
Shri Sanjay Rastogi, DSE/C, Jodhpur  
Shri Surendra Kumar, DSE/C, Lucknow  
Shri K.Mal, DSE/C, Moradabad

Copy to:- Divl.Rly.Managers, N.Rly., Allahabad, Ambala, Bikaner, Delhi, Firozpur,  
Jodhpur, Lucknow & Moradabad.

**Annexure B**

**Northern Railway**

Division-----

S.N.	Section	Proposed dates of <sup>t</sup> patrolling		Min temp. as per last year's records	Remarks
		From	To		

Cold Weather Patrolling