



उत्तर रेलवे

दूरभाष नम्बर/ 011-23344127  
email:srdeersodli@gmail.com  
दिल्ली

मण्डल रेल प्रबंधक कार्यालय  
स्टेट एंट्री रोड, उत्तर रेलवे, नई

No. 230-विद्युत लोको परिचालन/दिल्ली/तकनीकी-24/2023

Date: 18.10.2023

तकनीकी परिपत्र संख्या- 07/2023

सभी मुख्य लोको निरीक्षक,  
समस्त वरिष्ठ चालक दल नियंत्रक/ लॉबी,  
जाखल, जींद, रोहतक, शकूरबस्ती, दिल्ली सराय रोहिल्ला, दिल्ली, आनंद विहार,  
गाजियाबाद, मेरठ शहर, पानीपत, नई दिल्ली, हजरत निजामुद्दीन, तुगलकाबाद, पलवल.  
सीनियर सेक्शन इंजीनियर (सभी आउट पिट) NDLS, HNKM, GZB, TKD, ANVT

विषय: सर्दी के मौसम में बरती जाने वाली सावधानियां ।

- संदर्भ: 1. रेलवे बोर्ड पत्र संख्या 2005/Elect(TRS)/440/23 दिनांक 10.10.23  
2. HQ पत्र संख्या 69-RS/21/FOG (Computer no 83101) दिनांक 11.10.23

उपरोक्त संदर्भित पत्रों (प्रतिलिपि संगलन) के माध्यम से, कोहरे के मौसम के दौरान सुरक्षित ट्रेन संचालन के लिए विस्तृत निर्देश प्रसारित किए गए हैं, इन निर्देशों का अनुपालन सख्ती से चालक दल व आउट पिट Technician स्टाफ के द्वारा सुनिश्चित किया जाना चाहिए।

कृपया की गई कार्रवाई की सूचना इस कार्यालय को दी जाए।

*कमलेश कुमार*

18/10/23  
वरिष्ठ मण्डल विद्युत अभियंता/परिचालन/दिल्ली

Copy to: For kind information please.

- PS to DRM for kind information of DRM please.
- CELE/NR, CRSE/Fr./NR, NDBH.
- ADRM/OP.
- Sr. DSO/DLI.
- Principal ETC/ GZB, Principal DTC/TKD, Principal RSTC/Shakurbasti.
- CLI/BTC/TKD, CTC/NDLS Control



08186/2023

## Northern Railway

Headquarters office  
Baroda House  
New Delhi

No. 69-RS/21/FOG (Computer no 83101)

Dated: 11.10.2023

Sr D.E.E./RSO,  
DRM Office,  
DLI, UMB, MB & LKO.

Sr D.M.E./O&F,  
DRM Office,  
FZR

**Sub: Precautions to be taken by crew during winter season**

Ref : i) Railway Board letter no. 2005/Elect(TRS)/440/23 dated 10.10.2023  
ii) This office letter of even no. dated 09.08.2023

Vide above referred letter (ii), detailed instructions have been circulated for safe train operation during foggy weather (Copy enclosed). Compliance of these instructions should be ensured strictly. Further, under additional aspects should be taken by the crew during forthcoming winter season:

1. While turning out locos from Electric sheds/ Diesel sheds/ Out pits, crew should ensure functioning of Wipers, Sander & availability of sand, Air dryer, Free movement of MR drain cocks, proper sealing provided in cab doors/window glasses, Head lights focus, Horns, Marker lights, etc. It should be ensured that lookout glasses are clean and scratch free for proper visibility.
2. While taking over charge of locos on line, crew should ensure functioning of items as per (1) above. In case, there is any deficiency, TLC should be informed for corrective action.
3. Crew should ensure to drain the moisture from MR tanks while taking over charge of loco as well as at enroute stations where train stops.
4. Availability of dry sand should be ensured in sand boxes and all covers must be air tight. In case, sand is not available, crew should inform the TLC accordingly.
5. During winter, there are chances of wheel slipping due to wet track. Therefore, crew should take precautions to arrest the cases of wheel skidding/rail burn. If required, then banker to be asked well in time so that there is no mid-section detentions.

Action taken may please be advised to this office.

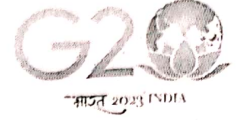
D/A – As above (ref i & ii)

(Deepak Grewal)  
Digitally signed by Deepak Grewal  
Grewal CELE/NR  
Date: 12-10-2023 17:02:01  
Reason: Approved





भारत सरकार Government of India  
रेल मंत्रालय Ministry of Railways  
रेलवे बोर्ड (Railway Board)



No. 2005/Elect(TRS)/440/23

New Delhi, Dated: 10.10.2023

General Managers (Elect)  
All Zonal Railways

**Sub: Winter preparedness drive.****Ref: Railway Board's letter of even No. dated 17.10.2022**

Instructions exist for undertaking essential precautions and special drive to check all locos prior to the commencement of winter season, so that typical failures attributed to low temperature and fog do not occur and the desired level of reliability is maintained.

With the ensuing winter season & foggy weather, it is advised that all Zonal Railways shall ensure its preparedness for safe train operation in fog by having adequate number of Fog Pass Devices for all crew (freight/passenger trains) in fog prone areas specifically. Zonal Railways shall ensure that Fog Pass devices given to crew, to alert crew in poor visibility condition while approaching signals, may be kept in healthy and working condition to ensure safety in train operation and training of crew for operation of the same during winter and foggy season.

The important pre-winter precautions mentioned in ACTM para 30514 and related instructions issued by RDSO are reiterated as follows:

1. During all trip inspections or roof inspections whenever carried out, proper cleaning of roof-line & pantograph insulators with a wet & dry cloth for maintaining shining surface finish may be ensured. Instructions laid down in RDSO SMI No. RDSO/ 2012/ EI/SMI/0274, Rev.0, dated 29.03.2012 may be ensured by homing shed before onset of winter.
2. Ensure joint checking of loco roof equipment's (including pantographs, cleaning of roof insulators and roof bar etc.) with TRD staff at sheds & trip shed as a preventive measure.
3. Modification in mounting bracket of fixed contact and movable contact arm of HOM switch to increase the electrical clearance issued by RDSO vide RDSO/2012/EL/MS/0405 (Rev.0), dated 03.01.2012.
4. Re-greasing of pantograph servomotor to avoid jamming.

रेल भवन, रायसीना मार्ग, नई दिल्ली - 110001

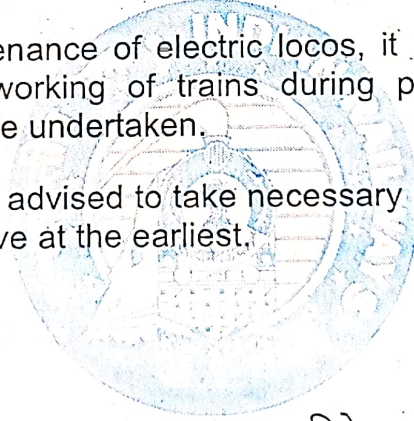


1518298/2023/O/o Dy.CME/O&F/HQ/NR

5. Working of heaters/blowers in both cabs.
6. Air tightness of cab main doors, window shutters and sealing of ventilator covers.
7. Proper level of oil to be maintained in TFP, GR and Traction Converter.
8. Silica gel for Transformer, Tap changer and Traction Converter must be in Good condition.
9. SMGR servomotor cylinders to be cleaned and re-greased.
10. Air dryer must be in working order and isolation should not be permitted.
11. Draining of moisture from all MR and free movement of drain cocks.
12. Proper level of oil to be maintained in compressors and ensure that unloaders are in working order.
13. Availability of dry sand in all sand boxes and all covers must be air tight.
14. TM inspection covers to be provided with gasket and ensure no air gap & locked properly.
15. Cleaning of battery terminals and application of petroleum jelly.
16. Free movement of brake cylinders. If found sluggish, overhauling should be done.

Besides the maintenance of electric locos, it is advised that a drive to counsel running staff regarding working of trains during poor visibility condition like foggy weather etc. should also be undertaken.

Zonal Railways are advised to take necessary action and send compliance to this office on completion of drive at the earliest.



(विकाश आनंद)  
निदेशक विद्युत अभियांत्रिकी (चल स्टॉक)  
फ्लोर सं : 4, कमरा सं. : 452  
रेलवे बोर्ड  
टेली : 011- 47845425  
ई मेल: vikashanand.irsee@gov.in