

संरक्षा अभियान 2023-24/22

मध्य रेल



मंडल रेल प्रबंधक कार्यालय,
संरक्षा विभाग, नागपुर.

संख्या:NGP/SFT.101.Z/SD/RB/2023-24/22

दिनांक:10.02.2024

Sr.DEE(TRD), Sr.DEE(TRO), Sr.DEE(TRS), Sr.DME, Sr.DSTE, Sr.DOM,
Sr.DEN(Co), Sr.DEN(N), Sr.DEN(S), Sr.DEN(Central)/NGP.

विषय: Railway Board's Week-Long Safety Drive for the month of Feb'24.

संदर्भ: 1. RB's letter No. 2024/Safety-I/3/2 Dt 07.02.24.

2. PCSO/CR letter No. SFT//RB-Drive/2024 dated 08.02.2024.

With reference to above letters (copy enclosed), a week-long Safety Drive is being launched on the division from 12.02.2024 to 18.02.2024 involving Officers and Supervisors (Divisional and Headquarters) of Electrical, Mechanical, S&T, Engineering, Operating and Safety departments.

Comprehensive checklist is enclosed herewith for ready reference. All officers and supervisors associated with safety drive are advised to check aspects during the safety drive as per the check list (Annexure-I) provided and data to be filled up in the Google sheet immediately after completion of inspections.

Deficiencies/irregularities noticed by the inspecting officials of Division/HQ during drive, need be complied by the division.

Google link:

https://docs.google.com/spreadsheets/d/1y7XOmGWWG_zhh3CYloFEph35HKJ7N3VclG_7QFmLp-QM/edit?usp=sharing

संलग्नक: यथोक्त.

विजय पाण्डेय
10.02.24.

(विजय कुमार पाण्डेय)

वरिष्ठ मंडल संरक्षा अधिकारी, नागपुर

प्रतिलिपि: मंडल रेल प्रबंधक/अपर मंडल रेल प्रबंधक (Admin) एवं (Tech) नागपुर को सूचनाार्थ प्रस्तुत.



CENTRAL RAILWAY

प्रधान मुख्य संरक्षा आधिकारी का कार्यालय
छत्रपती शिवाजी महाराज टर्मिनस ,
पिन- 400001, फोन नं - 55590



मध्य रेल



Office of the Principal Chief Safety Officer
Chhatrapati Shivaji Maharaj Terminus
Mumbai 400001, Phone No :55590

No. SFT//RB-Drive/ 2024

Date: 08.02.2024

PCEE, PCME, PCSTE, PCOM, PCE.

All DRMs.

Sub:- RB's Week long Safety Drive- Feb 2024.

Ref:- RB letter No. 2024/Safety-I/3/2 dated 07.02.2024.

Railway Board, vide above referred letter has advised to launch week long safety drive for the month of February 2024, accordingly safety drive from 12.02.2024 to 18.02.2024 involving officers and Supervisors (Divisional and Headquarters) of Electrical, Mechanical, S&T, Engineering and Operating department is being launched.

Comprehensive checklist is enclosed herewith for ready reference. All officers and supervisors associated with safety drive may be advised to check aspects during the safety drive as per the check list (**Annexure- I**) provided and data to be filled up in the Google sheet **immediately** after completion of inspections.

During drive, divisions to comply with the deficiencies.

After completion of the drive on 18.02.2024, HQ/Divisions to send the Action taken report in the form as per **Annexure- II** attached in Google sheet by 19.02.2024.

Google link.

https://docs.google.com/spreadsheets/d/1y7X0mGWG_zhh_3CYloFEph35HKJ7N3VclG7QFmLp-QM/edit?usp=sharing

Encls: As above.


(Maninder Uppal)
PCSO/CR



भारत सरकार (GOVERNMENT OF INDIA)
रेल मंत्रालय (MINISTRY OF RAILWAYS)
रेलवे बोर्ड (RAILWAY BOARD)



No.2024/Safety-I/3/2

New Delhi, Dated: 07.02.2024

The General Managers,
All Zonal Railways &
Managing Directors, KRCL and DFCCIL.

Sub: Week-Long Safety Drive for the month of Feb'24.

A Safety Drive for one week starting from 12.02.2024 should be launched with special emphasis to be given to the following aspects:

| | |
|-------------|--|
| ELECTRICAL | TRD: Drive for inspections of tools in OHE/PSI depot such as Damaged strand of cable, Defective clamps, damaged strands of steel rope etc CREW: Drive to check training centres' feedback of crew training Traction : Drive for fire -prevention such as DGA testing of transformer oil , working of QLM, Q44 protective relays Ascertain the sealing and functioning of VCD in every locomotive |
| MECHANICAL | <ul style="list-style-type: none">• Safety of underslung equipment in rolling stock• Audit of 'rolling in' and 'rolling out' examination points• The availability and quality of the key provided to the Train Manager and LP for opening the CBC in coaching rakes to be checked |
| S&T | To check and ensure that proper laid down procedure is being followed for opening & closing of Relay Room and ensure that the opening and closing of Relay Room contact is connected with Data Logger. Reason is recorded clearly for opening of Relay Room. |
| OPERATING | Ensure proper setting and locking of points before allowing movement. <ul style="list-style-type: none">• Provision of double lock on Relay Room - one key with SM and another key with S&T staff• Transactions of every opening and closing of Relay Room are entered in the Register and signed by SM and S&T staff.• Check if SMS is received by SM when relay room opened |
| ENGINEERING | Joint points and crossings drives |

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These aspects are only indicative in nature; Zonal Railways should issue their own comprehensive drive including suitable checklist for inspecting Officers/Supervisors. Officers of various departments from HQ should also be involved. Effective follow up action should be taken on all deficiencies and irregularities noticed during the drive. PCSOs be directed to critically analyze data to identify systemic deficiency and action taken/planned to be taken with timeline should be sent to the Board by **23.02.2024**. Apart from sending hard copy, the report should invariably be uploaded on SMDMS, both in PDF and DOC format and may also be e-mailed at edeesafety@gmail.com and safetyimp46@gmail.com.



(Ashok Kumar Nakra)

अशोक कुमार नाकरा

Executive Director/EE/Safety

कार्यकारी निदेशक/ई.ई./संरक्षा

Phone/फोन: 011-23047427

| SN | CR - RB's Safety Drive Jan' 2024. Ref:- RB L No. 2024/Safety-I/3/2 Dt 07.02.24 Period- 12.02.24.23 to 18.02.24 Annexure I Check list- | Yes /No | Details of deficiency |
|-----|---|---------|-----------------------|
| A | Electrical | | |
| I | TRD | | |
| | Drive for inspection of Tools in OHE/PSI Depot such as damaged strand of cable, Defective clamps, damaged strands of steel rope etc. | | |
| 1 | Whether maintenance tools are available in the depot as per standard list? If not, what is the shortfall? | | |
| 2 | Whether safety gadgets – Safety helmets, Safety belt, Safety shoes, Hand gloves etc. are available as per standard list. | | |
| 3 | Check the knowledge of staff in regard to follow safety rules during maintenance. Whether staff know safety rules or not? | | |
| 4 | Check the availability of cable. Whether it is in good condition or damaged strand? | | |
| 5 | Check whether clamps are in good condition? | | |
| 6 | Check the availability of steel rope. Whether it is in good condition or damaged strand? | | |
| II | Crew | | |
| | Drive to check training centre 'feedback crew training' | | |
| 1 | Whether training centre is provided with adequate infrastructure? | | |
| 2 | Whether Simulator for all type of locos available or not? If not, what is the action plan? | | |
| 3 | Whether study material is supplied to crew? | | |
| 4 | Whether feedback of crew is being taken? Type of deficiencies mentioned by crew in crew feedback module. a) b) c) d) e) | | |
| 5 | Whether action has been taken for improving if any declination is found? | | |
| III | Traction | | |
| | Drive for fire prevention, such as DGA testing of transformer oil, working of QLM, Q44 protective relays. | | |
| 1 | Whether mandatory of Fire Extinguishers available in each Cab of locomotive. (02 Fire Extinguishers should be available in each Cab) | | |
| 2 | Check the general cleanliness of machine room. Whether the machine room is cleaned or any inflammable materials likes jute, oil accumulation/leakage and spillage is noticed? | | |
| 3 | Whether QLM and Q44 relays are in working condition? | | |
| 4 | Check the knowledge of LP/ALP and action to be taken if QLM, Q44 trips. Whether LP/ALP are trained? | | |
| 5 | Check whether DGA testing of transformer is carried out as per schedule? (Should be carried out in every IC schedule) | | |
| 6 | Whether LP/ALP are trained to operate Fire Extinguishers? | | |
| 7 | Whether VCD in locomotive is in working condition? | | |
| B | Mechanical | | |
| | Safety of underslung equipment in rolling stock | | |
| I | Intactness of safety features provided for underslung equipment in rolling stock to be checked in--Coaching Depot/ Workshop/IOH Shed - LHB/ICF/ SPIC | | |

| SN | CR - RB's Safety Drive Jan' 2024. Ref:- RB L No. 2024/Safety-I/3/2 Dt 07.02.24 Period- 12.02.24.23 to 18.02.24 Annexure I Check list- | Yes /No | Details of deficiency |
|-----|--|---------|-----------------------|
| 1 | AR Tank (For brake & air spring) | | |
| 2 | Water tank | | |
| 3 | Battery Box | | |
| 4 | Alternator | | |
| 5 | Brake beam / Brake assembly | | |
| 6 | Brake panel assembly | | |
| 7 | Diesel tank in power car/SPIC | | |
| II | Vande Bharat | | |
| 1 | Traction motor | | |
| 2 | Gearbox | | |
| 3 | LTC | | |
| 4 | Brake chopper | | |
| 5 | Main transformer | | |
| 6 | Auxiliary compressor | | |
| 7 | Auxiliary control unit | | |
| III | Intactness of safety features provided for underslung equipment in Freight stock to be checked in Freight depot/ Workshop/ ROH shed | | |
| 1 | AR | | |
| 2 | Brake beam | | |
| 3 | BC/SAB and brake rigging | | |
| 4 | Drawbar assembly | | |
| 5 | CBC operating handle and assembly | | |
| IV | Audit of rolling in and rolling out examination points | | |
| 1 | Whether at all nominated stations RI/RO hut is available? | | |
| 2 | Whether in major yard all lines are covered for rolling in/ rolling out examination? | | |
| 3 | Whether adequate lights is available in RI/RO point ? | | |
| 4 | Whether staffs deputed for RI/RO activity are wearing retro reflective jackets? | | |
| 5 | Whether RI/RO examining staff are having adequate no of calibrated temp gun? | | |
| 6 | Whether staffs deputed for RI/RO activity are having required tools in their tool bag? | | |
| 7 | Whether RI/RO hut is equipped with emergency spares? | | |
| 8 | Whether there is any track joint within the vicinity of RI/RO activity causing confusion while taking RI/RO examination. | | |
| V | Check for availability of unbreakable (non- chrome plated) CBC opening key with train crew - | | |
| 1 | With Mail/Exp LP/ALP | | |
| 2 | With Mail/ Exp Train Manager | | |
| C | S&T | | |
| 1 | Whether relay room is having double lock.? | | |
| 2 | Whether PVT NO exchanged with signal test room.? | | |
| 3 | Whether PVT NO exchanged with section controller? | | |
| 4 | Whether valid reason is given for opening of relay room? | | |
| 5 | Whether relay room door detected through datalogger? | | |
| 6 | Whether relay room door opening message received on SMS by ESM/JE/SSE/ADSTE? | | |
| D | Operating | | |
| 1 | Whether points are properly set and locked before allowing unsignalled shunting movement. | | |
| 2 | Whether provision of double lock available in relay room and one key with SM and other with S&T staff. | | |

| SN | CR - RB's Safety Drive Jan' 2024. Ref:- RB L No. 2024/Safety-1/3/2 Dt 07.02.24 Period- 12.02.24.23 to 18.02.24 Annexure I Check list- | Yes /No | Details of deficiency |
|----------|--|---------|-----------------------|
| 3 | Whether two keys (Optg+S&T) of relay room is available in sealed box in SM office for emergency use. | | |
| 4 | Whether opening and closing of relay room is entered in register signed by SM & S&T. | | |
| 5 | Whether SMS is received by SM when relay room opened | | |
| E | Engineering | | |
| 1 | Joint point and crossing drives. | | |
| 1 | Whether all interlocked points have been inspected jointly by SSE PWAY and SSE SIG once in a quarter as per schedule or not? | | |
| 2 | Whether all deficiency noticed in joint inspection have been complied with in three months or not? | | |
| 3 | whether tongue rail wear found within limit or not ? | | |
| 4 | Whether stock rail wear found within limit or not ? | | |
| 5 | Whether any missing fittings seen in turn out area or not? | | |
| 6 | Whether throw of switch as per SOD is within limit or not? | | |
| 7 | Whether minimum gap between stretcher bar and bottom of the rail is within limit or not? | | |
| 8 | Whether tongue rail are in square position or not? | | |
| 9 | Whether Lubrication of point (chair plate, tongue rail, stock rail)is done or not ? | | |
| 10 | Whether any sleeper is broken in turn out area or not) | | |
| 11 | Whether ballast touching the rail or not? | | |
| 12 | Whether drainage system in turn out area is proper or not? | | |
| 13 | Whether ADEN and SR DEN inspected the register or not, in last one year ? | | |
| 14 | Whether ADSTE and SR DSTE inspected the register or not, in last one year? | | |
| 15 | Whether function of Lock Detection checked by SSE S&T or not? | | |
| 15a | Without test piece | | |
| 15 b | With 5 mm test piece | | |
| 16 | Whether joint point and crossing inspection of last quarter is entered in TMS or not? | | |
| 17 | Whether compliance of joint point and crossing inspection is entered in TMS or not? | | |
| 18 | Number of deficiencies which are repeated in last two inspection? | | |
| 19 | Whether all non interlocked points jointly inspected by TI &SSE P.Way or not? | | |
| 20 | indicate Number of sleeper up to which switch is housing properly? | | |
| 21 | whether switch setting device is functioning good or not ? | | |
| 22 | whether all fitting's of TWS is available or not as per latest RDSOspecification? | | |
| 22 a | a.if Not what is the short fall | | |