

## East Central Railway

Office of the  
General Manager / Safety  
Hajipur.

No. ECR/Safety/Calendar/21

Dated: 08.04.2021

**Divisional Railway Managers**  
**E.C. Railway,**  
**DDU,DHN, DNR, , SEE & SPJ.**

**Sub: Safety Calendar for the Year 2021– 22**

Safety Calendar covering important issues for safe movement of trains of each department has been prepared. A copy of the same is being forwarded to direct all concerned for taking action accordingly and the consolidated report should be sent to this office every month with MCDO.

SUNIL Digitally signed  
by SUNIL KUMAR  
Date: 2021.04.08  
13:28:42 +05'30'  
KUMAR

**(Sunil Kumar)**  
**Dy CSO/Traffic**  
**For Pr.Chief Safety Officer**

**Copy to-**

1. **Secretary to GM/ECR-** for kind information to GM please.
2. **PS-I to AGM/ECR -**for kind information of AGM please.
3. **PCOM, PCCM, PCE, PCME ,PCEE, PCSTE, PCPO,PCSC -** for kind information and necessary action please.
4. **Principal / ZRTI /MFP & Bhuli -** for information.

# **SAFETY CALENDAR**



**EAST CENTRAL RAILWAY**

**2021-22**

# **EAST CENTRAL RAILWAY**

## **SAFETY CALENDAR FOR THE YEAR 2021– 22**

East Central Railway “SAFETY CALENDAR” pertaining to all Departments is furnished below for strict compliance:-

The SAFETY CALENDAR will assist in directing focus on certain core issues involving safety.

Our objectives for year 2021– 22

- Eliminate collisions, averted collisions, and cases of signal passing at danger.
- Eliminate accidents at manned level crossings.
- Eliminate fire accidents.
- Eliminate derailments including in Yards and Sidings.
- To inculcate a culture of safe train operation.

### **April 2021**

#### **General**

- (i) Rigid Observance of Shunting rules during shunting operation.

#### **Operating**

- (i) Securing of Stabled vehicle in Station /yard
- (ii) Checking proper setting of Route before issuing Authority to pass defective signal.

#### **Personnel**

- (i) Pin pointing of Safety category staff in consultation with concerned department.

#### **Mechanical**

- (i) Surprise check regarding Rolling In and Rolling out.
- (ii) Checking of GDR and invalid BPC.

#### **Electrical**

- (i) To ensure that Mobile Phone of LP and ALP are kept inside the box carried for personal belongings & remain switch off during Foot Plate duty .
- (ii) Counseling of staff regarding proper working during total failure of communication.

#### **Engineering**

- (i) Competency certificate and Road learning to be ensured for Track Machine operators.
- (ii) De- stressing of Track to be done to avoid Buckling of Track and recouping of Spherical washers in T/O

#### **S & T**

- (i) Timely overhaul of all Signalling installations.
- (ii) Strict observance of instruction of JPO issued from HQ for opening and closing of Relay Room.

#### **Security**

- (i) Close watch of suspected Passengers both at Platform and in train.

## **Commercial**

- (i) To check the knowledge of checking staff regarding their duties during accident.

## **May 2021**

### **General**

- (i) Check alertness of staff during Mock Drill and its review.

### **Operating**

- (i) Ensure Exchanging alright to through passing Train by Station Staff.
- (ii) Check reception of train as per stipulation of SWR.

### **Personnel**

- (i) Placing Indent for recruitment of Safety Category Staff.

### **Mechanical**

- (i) Emphasis on Brake continuity Test.
- (ii) Achievement of Zero defects in between two Schedule maintenance of Rolling stock.

### **Electrical**

- (i) Checks working of micro processor based electronic brake system with resetting VCD/Event recorder.
- (ii) Proper precaution during passing defective signal in 'ON' position after receiving T/369(1) and T/369(3b).

### **Engineering**

- (i) Intensive counseling of hot weather Patrolmen to ensure Patrolling of Track.
- (ii) Pre Monsoon Precaution -Picking of stacks as required, maintenance, cleaning of side / catch/yard drains, bridge waterways, cleaning of loose boulders from cuttings, repairs to Cess and bank, trimming of high trees along track.

### **S&T**

- (i) Ensure proper communication before start of NI.
- (ii) Random checks of unauthorized tools being used for maintenance of Points and crossing.

### **Security**

- (i) Remain vigilant at the time of arrival/ Departure of important Mail/Express trains.

### **Commercial**

- (i) 100% weighment of rakes to be ensured to avoid overloading.

## **June 2021**

## **General**

- (i) Follow up action in connection with Safety Action Plan.

## **Operating**

- (i) Surprise checks of Running staff with Breath analyzer.
- (ii) Station Inspection and checking out availability of Safety equipment as per SWR.

## **Personnel**

- (i) Ensure timely issue of posting order to Safety category staff coming after completion of training.

## **Mechanical**

- (i) 100% Brake power in air brake train in originating point and 90% at any intermediate point.
- (ii) Fire Safety Audit of Depots.

## **Electrical**

- (i) Check validity of competency certificate of Tower wagon operators and surprise check of their working at site.
- (ii) Checking of high intensity Twin-Beam – Head light in locomotive.

## **Engineering**

- (i) Special checks on Points and crossing.
- (ii) Ensure emergency Imprest material (Rails, Sleepers, Steel cribs, Ballast, Sand/ Query dust, Boulder, Gunny bags etc) at vulnerable location.

## **S & T**

- (i) Ensure supply of sufficient Nos. of Walkie- Talkie at different depot. .
- (ii) Check proper working of VHF and Walkie –Talkie sets and also replacement of defective battery of walkie-talkie

## **Security**

- (i) Patrolling of Track in Sabotage prone area.

## **Commercial**

- (i) Ensure clearance of Track after Loading/unloading.

# **July 2021**

## **General**

- (i) Fire Fighting preparedness at Railway station and associate building & in trains.

## **Operating**

- (i) Check and ensure that ASM/SM/Dy.SS/SS are having Panel and valid block competency certificate.
- (ii) Ensure to take laid down precautions before putting back Signals at ‘ON’.

## **Personnel**

- (i) Placing Indent for requirement of Safety Category staff.

## **Mechanical**

- (i) Proper securing of Stable load in Depot/Shed.
- (ii) Intensive inspection of EMU shed.

## **Electrical**

- (i) Checking of high intensity Twin-Bean – Head light in locomotive.
- (ii) Counseling of Loco Pilot regarding intermittent Whistling before passing LC Gates.

## **Engineering**

- (i) Special checks by Supervisors and Officers regarding proper Monsoon patrolling.
- (ii) Ensure emergency Imprest material (Rails, Sleepers, Steel cribs, Ballast, Sand/ Query dust, Boulder, Gunny bags etc) at vulnerable location.

## **S&T**

- (i) Maintenance of hand point should be ensured properly.
- (ii) Obsolete slide/slot indicator should be removed.

## **Security**

- (i) Drive against unauthorized crossings.

## **Commercial**

- (i) Ensure availability of Fire Extinguishers at Parcel office.

## **August 2021**

## **General**

- (i) Securing of Vehicles/Stabling of load.

## **Operating**

- (i) Cross check the entries with train passing documents like T/369(3b), PLCT and vice -versa.
- (ii) Proper follow up rules during Train parting.

## **Personnel**

- (i) Accountability for filing of vacancy of safety category staff should be clearly assigned at appropriate level.

## **Mechanical**

- (i) Checking Brake Power of DEMU train.
- (ii) Checking Brake Power of MEMU train. .

## **Electrical**

- (i) Ensure compliance of Crew observations noted during run.
- (ii) Proper counseling of running staff to observe all speed restrictions as per T/409, WTT or other special instructions

## **Engineering**

- (i) Proper placement of caution indicator, speed indicator, T/P, T/G Boards with luminous paint and clear visibility Trimming of Tree branches infringing visibility of Signals.

- (ii) Monsoon Patrolling- All division to take action for Monsoon Patrolling both Stationary and Mobile at Vulnerable location.

### **S & T**

- (i) Verification & correction of Yard diagram & circuit diagram as per existing Yard layout.
- (ii) Checks regarding opening of Relay room as well as entry in Register.

### **Security**

- (i) Liaison with operating department for Piloting of important Trains in case of threat to train movement by extremist elements.

### **Commercial**

- (i) Thorough checking of Provision of Fire Extinguishers in AC Coaches & Pantry cars.

## **September 2021**

### **General**

- (i) Ensure proper supply of Uniform.

### **Operating**

- (i) Train operation staff should be counseled for proper working about reception & dispatch of train.
- (ii) The Clue and evidences regarding accident should not be disturbed.

### **Personnel**

- (i) Close liaison to be maintained to clear the backlog of Safety category vacancies.

### **Mechanical**

- (i) Proper training to ART staff should be given for lifting and re-railment of all types of rolling stocks.
- (ii) 100% Provision of quick coupling arrangement/provision of pressure gauge in both Coaching & Goods train.

### **Electrical**

- (i) Consolidated target to bring down OHE failure at the minimum.
- (ii) Checking working of lighting equipments at all Manned L.C. gates.

### **Engineering**

- (i) Intensive Monsoon Patrolling.
- (ii) Special attention to Bridge approach, Cess and Banks damaged during Monsoon.

### **S & T**

- (i) Beat test on all Points.
- (ii) Intensive checking of track circuiting.

### **Security**

- (i) Joint checks of Unauthorised crossing with State transport authority.

### **Commercial**

- (i) Ensure clearance of tracks after unloading in Yard.

## October 2021

### General

- (i) Checking provision of basic infrastructure at Manned LC Gates.

### Operating

- (i) Surprise checks of running staff with Breathalyzer equipments.
- (ii) Ensure placing of Detonators during Foggy weather.

### Personnel

- (i) Pin pointing of Safety category staff in consultation with concerned department.

### Mechanical

- (i) Intensive inspection of Freight Depot.
- (ii) Surprise Brake Power check of Goods train at enroute Station.

### Electrical

- (i) Ensure sufficient supply of safety equipment to Loco Pilot.
- (ii) Checks for observance of proper rules during Foggy weather and ensure availability of Fog Safe Device in Crew lobby.

### Engineering

- (i) Post Monsoon activities - Attention to run down stretches immediately after monsoon. Normal systematic maintenance for 4-5 days a week and picking up stacks.
- (ii) Maintenance of Plate form line, Yard line and checking of side/catch/drains of yard.

### S & T

- (i) Checking visibility of Signals especially during night.
- (ii) Checking working of BPAC where provided.

### Security

- (i) Adequate Patrolling and Pickets to be introduce at Vulnerable Points such as bridge and S&T fittings.

### Commercial

- (i) Ensure proper closing of doors of BCN and BOXN wagons after Loading/unloading.

## November 2021

### General

- (i) Refresher course of each category will have sufficient case studies of accident caused due to Human failures.

### Operating

- (i) Surprise checks of excessive speed while Train received in Loop line.
- (ii) Ensure for taking assurance of staff concerned engaging for Fog Signal works.

### Personnel

- (i) Ensure timely payment of OT, TA and other allowance to Safety category staff.

### Mechanical

- (i) Ensure Zero defect during IOH Schedule of coaches.
- (ii) Surprise Brake Power check of Goods train at enroute Station.



**Electrical**

- (i) Emphasis on Brake continuity test
- (ii) Ensure sufficient supply of safety equipment to Loco Pilot.

**Engineering**

- (i) Pre-cold weather precaution such as de-stressing with SEJ gap adjustment, crossing its lubrication to avoid Rail fracture.
- (ii) Maintenance of Plate form line, Yard line and TFR of Main line in Station yards to avoid excessive pull and fracture of glued joint.

**S & T**

- (i) Checking working of IPS at Stations, IBH and LC gates.
- (ii) Checking of Data-loggers and networking of Data-loggers from Test room.

**Security**

- (i) Intensive drive against Roof travelling.

**Commercial**

- (i) Ensure proper Loading i.e. steps to be taken to avoid uneven Loading.

**December 2021****General**

- (i) Safety Awareness programs to prevent accident at MLC.

**Operating**

- (i) Ensure the stabling of load is done as per GR&SR provisions.
- (ii) Ensure special precaution while using RRBU key.

**Personnel**

- (i) The selection of trainer would be based on appropriate aptitude & Skills.

**Mechanical**

- (i) Checking working of Composite Brake Blocks.
- (ii) Surprise checks regarding Rolling-in and Rolling-out.

**Electrical**

- (i) Counseling of staff regarding action after exploding Detonators.
- (ii) Check proper working of Hand Brake & Emergency brake in Locos.

**Engineering**

- (i) Work site inspections and protection as per PCE circular 16/2010.
- (ii) Cold weather patrolling – Launching of intensive cold weather patrolling.

**S & T**

- (i) Checking of Track circuit Charger, Voltage & Current Jumper.
- (ii) Strict observance of instruction of JPO issued from HQ for opening and closing of Relay Room.

**Security**

- (i) Remain vigilant at the time of arrival/ Departure of important Mail/Express trains.

**Commercial**

- (i) Thorough checking and proper packing, labeling and Marking to be ensured while booking of consignment under Red tariff.

**January 2022**

## **General**

- (i) Co-ordination in loading of Brake Van equipments.

## **Operating**

- (i) Surprise check regarding observance of rule while passing IBS signal at 'ON'.
- (ii) Special checks regarding availability of Safety equipments as per SWR.

## **Personnel**

- (i) Ensure immediate sending of staff for initial training centre.

## **Mechanical**

- (i) Ensure Zero defect & most change items during 'IOH' of coaches.
- (ii) To Check and ensure that proper maintenance of equipments and all necessary Certificates are available in Pantry Car.

## **Electrical**

- (i) Surprise checks in running rooms regarding use of Mobile phone while taking rest.
- (ii) Ensure that all electrical wiring/ appliance are in proper conditions in Pantry Car to avoid any fire incidence.

## **Engineering**

- (i) Cold weather Patrolling – Launching of intensive cold weather patrolling when temperature is less than as specified in IRPWM.
- (ii) Lubrication of Curves, Point and crossing and Pendrol clips.

## **S & T**

- (i) Checking of retro-reflective Strips is provided at L.C gates (All Spl., A&B) & Distant Signal.
- (ii) To check effectiveness of approach locking and track locking.

## **Security**

- (i) Patrolling of track in sabotage prone area.

## **Commercial**

- (i) Thorough checking to ensure complete unloading at destination.

# **February 2022**

## **General**

- (i) Surprise check of alertness of Staff especially during night.

## **Operating**

- (i) Precaution to be taken before sending of relief train in occupied block section.
- (ii) Proper protection of a disable load in Block section to be ensured.

## **Personnel**

- (i) Ensure immediate posting of selected staff of Safety Category.

## **Mechanical**

- (i) Super check of Rakes in Depot by CDO/CWS of Depot.
- (ii) To check and ensure that all the necessary inspections are carried out by JE/SE/SSE in C&W depots and Loco shed properly.

## **Electrical**

- (i) To check and ensure that all the necessary inspections are carried out by JE/SE/SSE in C&W depots and Loco shed properly.
- (ii) Maintaining 9 hrs rules rigorously.

## **Engineering**

- (i) Ensure proper housing of Points.
- (ii) De-stressing & TFR of track to be done.

## **S & T**

- (i) Checking of working of Control Telephone & Block Telephone at Stations.
- (ii) Verification & correction of Yard diagram & circuit diagram as per existing Yard layout.

## **Security**

- (i) Prevent theft of Coach & Wagon fittings both at originating as well as terminating Point in Yard during Stabling.

## **Commercial**

- (i) Check the SLR whether clearance of the Consignment from the roof is as per prescribed rule & lighting system is intact or not.

## **March 2022**

### **General**

- (i) All type of wheel defect measuring gauge and track defect measuring gauge should be provided to all supervisors.

### **Operating**

- (i) Ensure prompt action in case of Hot axle/seizure of Roller bearing/Brake binding.
- (ii) Insure proper setting of route before handing over the authority to pass the signal at 'ON' position.

### **Personnel**

- (i) Close liaison to be maintained to clear the backlog of Safety category vacancies.

### **Mechanical**

- (i) Emphasis on Brake continuity test.
- (ii) Super check by Neutral TXR in ROH Depot.

### **Electrical**

- (i) Wheel skidding – Prevention and Precaution.
- (ii) Checks for observance of proper rules during Foggy weather.

### **Engineering**

- (i) Anti Sabotage measures for protection of track.
- (ii) De-stressing & TFR of track.

### **S & T**

- (i) Checking visibility of Signals especially during night.
- (ii) Checks regarding Positive Boom locking at L.C gate.

### **Security**

- (i) Intensive drive against carriage of inflammable article.

### **Commercial**

- (i) Check the working of Weigh Bridge.

.....