

# EAST CENTRAL RAILWAY

**Office of the  
General Manager /Safety  
Hajipur.**

No. ECR/Safety/ Calendar/22

Dated: 29.03.2022

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

**Sub:** Safety Calendar for the Year 2022- 23

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  
Kumar**  
**(Sunil Kumar)**  
**Dy. CSO/Traffic**  
**for PCSO/ECR/HJP**

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**Copy to-**

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

# **SAFETY CALENDAR**



**EAST CENTRAL RAILWAY**

**2022-23**

## **SAFETY CALENDAR FOR THE YEAR 2022-23**

The SAFETY CALENDAR for ECR has been formulated for the year 2022-23 which will assist in directing focus on certain core issues involving safety during each calendar month. Objectives are to: -

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

“SAFETY CALENDAR” pertaining to all Departments is furnished below for strict observance and compliance: -

### **April 2022**

#### **General**

- (i) Rigid Observance of JPO issued to prevent Roll down cases in yard/block section.

#### **Operating**

- (i) Proper observance of rule after SPAD as per JPO issued from HQ.
- (ii) Ensure proper setting and locking of Point before allowing movement on the same.

#### **Personnel**

- (i) Proper accountal of Vacancy of Safety category staff

#### **Mechanical**

- (i) Checks regarding follow-up of proper procedure in ROH depot.
- (ii) Surprise checks of ART.

#### **Electrical**

- (i) Measures to prevent SPAD. Proper observance of rule after SPAD as per JPO issued.
- (ii) Proper follow up of Safety alert.

#### **Engineering**

- (i) Ensure proper maintenance and recoup of tracks/fittings.
- (ii) Integrity testing of foundations.

#### **S & T**

- (i) Checks regarding working of Fire Alarm Detection System.
- (ii) Points & Crossings inspection and ensuring compliance of irregularities noted.

#### **Security**

- (i) Preventive checks for stopping cases of Chain pulling.

**Commercial**

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

**May 2022****General**

- (i) Preventive measures to be taken to prevent fire cases.

**Operating**

- (i) Ensure Surprise night inspection as per instruction issued from HQ.
- (ii) Check regarding Shunting practices adopted as per laid down norms.

**Personnel**

- (i) Preparation of Selection Calendar for Safety category staff.

**Mechanical**

- (i) Proper checks for adopting maintenance schedule in MEMU sheds.
- (ii) Adherence to Zero missing Safety fittings at the time of turning out of coaches from Workshops and Sick line.

**Electrical**

- (i) Surprise checks in Running Room to stop use of Mobile phones during rest time.
- (ii) Adherence to Zero missing Safety fittings at the time of turning out of Locomotive from Electric Loco shed.

**Engineering**

- (i) Checks regarding follow-up of laid down rule before entering in the section with Motor trolley/Lorry.
- (ii) Hot weather patrolling of track to be introduced as soon as temperature exceeds as identified in Manual.

**S&T**

- (i) Checking of Signal equipment earthing prone to lighting.
- (ii) Check regarding unwanted materials in Relay Room.

**Security**

- (i) Drive against Hawker, Vendor & touts etc. to avoid Fire cases.

**Commercial**

- (i) Thorough checking of Pantry cars.

**June 2022****General**

- (i) Prevention and precaution to avoid Roll down cases.

**Operating**

- (i) Incognito checks for adopting proper norms during securing of vehicles in Running line/yard.
- (ii) Checks regarding availability of rule books and necessary operating Forms.

**Personnel**

- (i) Selection of Trainers would be based on appropriate aptitude skills.

**Mechanical**

- (i) Checks regarding availability of equipment as per norms in ART/ARMV.
- (ii) Precautions & Prevention to stop Fire cases.

**Electrical**

- (i) Securing of Train in Block section as well as Station section after failure of Engine as well as Cattle Run Over.
- (ii) Avoid backing of train after trail through the points.

**Engineering**

- (i) Greasing of Fish plated joints.
- (ii) Pre-monsoon precautions to be taken.

**S & T**

- (i) To check and ensure that all SWR and SWRD in conformity with physical layout of the yard.
- (ii) Intensive checking of Track circuit & Axle counters.

**Security**

- (i) Intensive drive against unauthorized crossings in co-ordination with State Government's officials.

**Commercial**

- (i) Special checks regarding inflammable materials in Goods/Parcel sheds.

**July 2022****General**

- (i) Efficient case study of accident due to Human failures by all departments for taking remedial actions.

**Operating**

- (i) Incognito checks regarding preventive measures taken by 'ON' duty SM before granting traffic blocks.
- (ii) Checks regarding competency certificate at Traffic LC gate.

**Personnel**

- (i) Accountability for filling of vacancy of Safety category staff to be assigned at appropriate level.

**Mechanical**

- (i) Proper Training of ART staff should be given for re-railment of Coaches/Wagons near/on Platform.
- (ii) Checks regarding Brake Power Certificates.

**Electrical**

- (i) Ensure proper rest at HQ and Out station and don't involve in other unnecessary activities.
- (ii) Proper calling of Signal aspect with hand gestures.

**Engineering**

- (i) Ensure emergency Imprest material (Rails, Sleepers, Steel cribs, Ballast, Sand/ Query dust, Boulder, Gunny bags etc.) at vulnerable locations.
- (ii) Proper follow up rules while entering in the block section with Motor Trolley or Self-propelled Trolley.

**S&T**

- (i) Checking of Track circuit charger, Voltage and Current.
- (ii) Strict observance of instructions for opening of Relay Room.

**Security**

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

**Commercial**

- (i) Thorough checking of Pantry car/Hot Buffet car to ensure preventive Fire measures.

**August 2022****General**

- (i) Surprise checks regarding alertness of staff especially during night.

**Operating**

- (i) Incognito checks during Power/Traffic Block for follow up rules by concerned staff.
- (ii) Precaution to be taken before sending of relief train in occupied block section.

**Personnel**

- (i) Preparation of Selection Calendar for Safety related staff.

**Mechanical**

- (i) Surprise checks at Rolling in& Rolling out point regarding alertness of staff.
- (ii) Ensure provision of stop boards/Red Lamp during watering, examination and other attention to Coaches/wagons at Station/yards.

**Electrical**

- (i) Special checks regarding Brake feel and Brake Power test.
- (ii) Foot Plate counseling regarding strict observance of speed restriction.

**Engineering**

- (i) Checking and attending run down sections of drains nearby track.
- (ii) Special precautions to be taken in area prone to Landslides, Boulder falling etc.

**S & T**

- (i) Checks regarding positive boom locking at LC gates.
- (ii) To check and ensure that all Axle counters used for Track circuiting and BPAC working are functioning properly and their resetting working also in working order.

**Security**

- (i) Intensive drive against unauthorized crossing.

**Commercial**

- (i) Preventive measures to prevent Fire in Tank wagons during loading/unloading.

**September 2022****General**

- (i) Thorough checking of ART&ARMV by all concerned department.

**Operating**

- (i) Observance of rules during abnormal working.
- (ii) Ambush checks at Level Crossing regarding working of Gateman.

**Personnel**

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

**Mechanical**

- (i) Ensure Zero defects/most change items during IOH of Coaches.
- (ii) Ensure sufficient supply of Safety equipment to staff deputed for Rolling in & Rolling out duty.

**Electrical**

- (i) Ensure proper working of Hand Brakes & Emergency Brakes in Loco.
- (ii) Ensure sufficient supply of safety equipment to Loco Pilot.

**Engineering**

- (i) Special attention to Cess and Banks damaged during Monsoon and other post Monsoon works.
- (ii) Ensure proper protection of work site.

**S & T**

- (i) Ensure double locking of Block instruments.
- (ii) Ensure safety tolerance of all Signalling gears and equipment for mean Time Between Failure (MTBF) & Mean time to Repair and Return.

**Security**

- (i) Close Liaison to be maintained with local Police and Civil authority regarding suspected unsocial activities threatening safety.

**Commercial**

- (i) Intensive drive to check unauthorized vendors in running trains and Platform.

**October 2022****General**

- (i) To check Foggy weather precautions by all departments.

**Operating**

- (i) Checking availability of Safety equipment at Stations and LC gates as per SWR.
- (ii) Checking proper maintenance of Line Block and Clearance register.

**Personnel**

- (i) The selection of Trainer would be based on appropriate aptitude & skills.

**Mechanical**

- (i) Checking the working of Composite Brake Blocks.
- (ii) Review of Facility provided at maintenance depot.

**Electrical**

- (i) Review of Facility provided in Running Rooms and Crew Lobby.
- (ii) Maintaining 9 hrs rules rigorously.

**Engineering**

- (i) To check and ensure adequate visibility for both Train Loco Pilot and Road users at Level Crossing gate.
- (ii) Post Monsoon activities - Attention to run down stretches immediately after monsoon. Normal systematic maintenance for 4-5 days a week and picking up stacks.

**S & T**

- (i) Ensure sufficient No. of walkie-talkie at different depots.
- (ii) Check proper working of Walkie-Talkie and VHF sets.

**Security**

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

**Commercial**

- (i) Proper precautions during booking of Parcels and loading of consignment mentioned in Red Tariff.



## **November 2022**

### **General**

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

### **Operating**

- (i) Surprise checks of Running staff with Breath analyzer.
- (ii) Ensure issue of PLC and necessary document during failure of Block instrument.

### **Personnel**

- (i) Issue timely posting orders to Safety category staff coming after completion of training.

### **Mechanical**

- (i) Ensure Zero defects during 'C' schedule of coaches.
- (ii) Emphasis on Brake continuity test.

### **Electrical**

- (i) Surprise Brake Power checks of Goods train at enroute station
- (ii) Wheel skidding –Prevention & precautions.

### **Engineering**

- (i) Lubrication of curves,Points&crossing.
- (ii) Intensive as well as quantitative USFD to be done to avoid rail fracture.

### **S & T**

- (i) Checking of backup Power supply arrangement in both electrified and non-electrified territory.
- (ii) Surprise checking of Veedor counters of Panel etc.

### **Security**

- (i) Drive against trespassers.

### **Commercial**

- (i) Thorough checking while booking of consignment under Red Tariff.

## **December 2022**

### **General**

- (i) Ensure timely procurement of safety related items.

### **Operating**

- (i) Ensure proper setting and locking of Points before serving of T/369(3b).
- (ii) Ensure proper issue of shunting order before shunting operation.

### **Personnel**

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

**Mechanical**

- (i) Ensure proper maintenance in MEMU shed.
- (ii) 100% provision of quick coupling arrangement/provision of pressure gauge in both coaching & Goods train.

**Electrical**

- (i) Ensure proper working of Sanders and Wipers.
- (ii) Checks for observing proper rules during Foggy weathers.

**Engineering**

- (i) Anti-sabotage measures for protection of track.
- (ii) Cold weather patrolling – Launching of intensive cold weather patrolling.

**S & T**

- (i) To check effectiveness of approach locking and track locking.
- (ii) Checking of Retro-reflective Strips is provided at Booms of LC gate, Distant signal & Goods warning board.

**Security**

- (i) Joint checks of manned LC gate with State transport authority regarding use of LC gate by road users as per set norms.

**Commercial**

- (i) Through checking of availability of Fire Extinguishers in AC Coaches and Pantry cars.

**January 2023****General**

- (i) Safety awareness programs to prevent accident at Manned LC gate.

**Operating**

- (i) Ensure the Stabling of Load is done as per G&SR provision.
- (ii) Ensure special precaution while using RRBU Keys.

**Personnel**

- (i) Timely redressal of staff grievances.

**Mechanical**

- (i) Wheel skidding & Rail burning cases in Coaches & Wagons-Prevention & precaution.
- (ii) To Check and ensure that all the necessary inspections are carried out by JE/SE/SSE in C&W depots and DEMU shed properly.

**Electrical**

- (i) Consolidated target to bring down OHE failure at the minimum.
- (ii) To Check and ensure that all the necessary inspections are carried out by SE/SSE in C&W depots and Loco shed properly.

**Engineering**

- (i) Proper precaution during unloading of Engineering materials.

- (ii) Cold weather Patrolling – Launching of intensive cold weather patrolling when temperature is less than as specified in IRPWM.

#### **S & T**

- (i) Checking working of Sliding boom at LC gate.
- (ii) Check availability of Fire extinguisher & Fire balls in Relay Rooms.

#### **Security**

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

#### **Commercial**

- (i) Check the SLR whether clearance of the consignment from the roof is as per prescribed rules & Lighting system is intact or not.

### **February 2023**

#### **General**

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

#### **Operating**

- (i) Surprise check regarding observance of rule while passing IBS signal at 'ON'.
- (ii) Clues and evidences regarding accident should be preserved.

#### **Personnel**

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

#### **Mechanical**

- (i) Achievement of Zero defects in between two schedule maintenance of rolling stock.
- (ii) To check and ensure that all the necessary inspections are carried out by SE/SSE in C&W depots and DEMU shed properly.

#### **Electrical**

- (i) Wheel skidding & Rail burning cases in Coaches & Wagons-Prevention & precaution.
- (ii) Maintaining 9 hrs rules rigorously.

#### **Engineering**

- (i) Ensure safety related equipment with Gang.
- (ii) Ensure proper Patrolling.

#### **S & T**

- (i) Ensure proper communication before start of NI.
- (ii) Arranging of Beat test of all Points.

#### **Security**

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

#### **Commercial**

- (i) Ensure clearance of track before unloading in yard.

## **March 2023**

### **General**

- (i) Firefighting preparedness at Railway stations and associate buildings & in trains.

### **Operating**

- (i) Inspection of Running Room and Crew booking point.
- (ii) Proper follow up rules at the time of train parting.

### **Personnel**

- (i) Settling of Grievances of Safety category staff.

### **Mechanical**

- (i) Checking of Brake Power of DEMU train.
- (ii) Super check by Neutral TXR in ROH Depot.

### **Electrical**

- (i) Checking of Brake Power of DEMU train.
- (ii) Observance of rules during accidental train parting.

### **Engineering**

- (i) Proper placement of caution indicators.
- (ii) Ensure Road learning of Track machine operators.

### **S & T**

- (i) Maintenance of siding interlocked point.
- (ii) Checking of working of telephone at various working place.

### **Security**

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

### **Commercial**

- (i) Check the working of Weigh Bridge.

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