

East Central Railway

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


No. ECR/Safety/ Calendar/19

Dated: 26.3.2019

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

Sub: Safety Calendar for the Year 2019-20

Safety Calendar for all the departments covering important issues of each department has been prepared. A copy of the same is being forwarded to you for kind information with a request to direct all concerned for taking action accordingly and to send the consolidated report to the Chief Safety Officer / ECR every month with MCDO.


**B.K.Gupta
Dy. CSO/Traffic
For Chief Safety Officer**

Copy to-

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

SAFETY CALENDAR



EAST CENTRAL RAILWAY

2019-2020

EAST CENTRAL RAILWAY

SAFETY CALENDAR FOR THE YEAR 2019– 20

East Central Railway “SAFETY CALENDAR” comprising vital items of safety 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 2019– 20

- Eliminate collisions, averted collisions, and signal passing at danger.
- Eliminate accidents at manned level crossings.
- Eliminate fire accidents.
- Eliminate derailments in Yards and Sidings.

April 2019

General

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

Operating

- (i) Precaution to be taken before sending of relief train in occupied block section
- (ii) Securing of Train stalled in block section.
- (iii) Extra alertness in train operation during Power block and Traffic block or both.

Personnel

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

Mechanical

- (i) Alertness while going to clear stalled train in block section.
- (ii) Securing of Train stalled in block section.

Electrical

- (i) Check regarding follow up of Counselling schedule of LI/SLI
- (ii) Securing of Train stalled in block section.

Engineering

- (i) Intensive as well as qualitative USFD to be done to avoid rail fracture.
- (ii) De-stressing of LWR.

S & T

- (i) Proper precautions while working in Relay room. .
- (ii) Points & crossing inspection and ensuring compliance of irregularities noted

Security

- (i) Checking of arms and Ammunition where provided.

Commercial

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

May 2019

General

- (i) Prevention against Fire by all Departments.

Operating

- (i) Ensure alright signal with through passing Train by Station Staff.
- (ii) Use of Hand Signal/Tri-colour torch while performing Shunting.
- (iii) Precaution to be taken at the time of issuing T/369(1) and T/369 (3b)

Personnel

- (i) Preparation of Selection calendar for safety related staff.

Mechanical

- (i) Checking working of Flasher Light in Loco.
- (ii) Adherence to zero missing Safety fittings at the time of turning out of Coaches & Wagons from Workshop and Sick line.

Electrical

- (i) Adherence to zero missing Safety fittings at the time of turning out of Coaches from Workshop and Sick line and Locomotive from Electric Loco Shed.
- (ii) Check working of Flasher Light in Loco

Engineering

- (i) De- stressing of Track to be done to Avoid Buckling of Track.
- (ii) Hot weather Patrolling of track to be introduced as soon as temperature exceeds as identified in LWR Manual.

S&T

- (i) Checking of all Signal equipments earthing prone to lighting.
- (ii) Provision of door locking detection device arrangement in all data loggers.

Security

- (i) Drive against hawker, Vendor & touts etc to avoid fire cases.

Commercial

- (i) Thorough checking of Pantry car .

June 2019

General

- (I) Follow up proper Safety precaution by Pantry car staff.

Operating

- (i) Ensure breath analyzer test before 'Signing ON' & after 'Signing Off'.
- (ii) Ensure availability of Rule books and Forms.

Personnel

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

Mechanical

- (i) Securing of Train in the block section as well as Station section after failure of Engine.
- (ii) Not backing of Train after trail through the Points.

Electrical

- (i) Securing of Train in the block section as well as Station section after failure of Engine.
- (ii) Not backing of Train after trail through the Points.

Engineering

- (i) Special attention at trespassing locations.
- (ii) Special attention to Cess and bank.

S & T

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

Security

- (i) Intensive drive against unauthorized Level Crossing with close liaison with state government officials.

Commercial

- (i) Special checks regarding Inflammable materials in Goods /Parcel Sheds.

July 2019**General**

- (i) Efficient case study of accident due to human failure by all department for taking remedial actions.

Operating

- (i) To Checks the proper securing of stable rolling stock at Station /Yard.
- (ii) Ensure issue of PLC and necessary Forms during failure of block instrument.

Personnel

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

Mechanical

- (i) Proper precaution during passing defective Signal in 'ON' position after receiving T/369(1) and T/369(3b).
- (ii) Special emphasis on checking of Looking glass of Loco.

Electrical

- (i) Special emphasis on checking of Looking glass of Loco and Safety equipments , A-9,SA-9 and emergency brakes.
- (ii) Checks working of micro processor based electronic break system with resetting VCD/Event recorder.

Engineering

- (i) Special precaution in area prone to Land Slide, Hill slip, bolder falling etc.

- (ii) Monsoon patrolling in the identified and vulnerable sections and posting of stationary watchman at vulnerable locations.

S&T

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

Security

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

Commercial

- (i) Preventive measure to prevent Fire in Tank wagons during loading and unloading.

August 2019

General

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

Operating

- (i) Precaution to be taken during relaying of Caution Order, Maintaining Caution Order Register and issue of Caution Order.
- (ii) Check Knowledge of Staff regarding opening of Isolator during emergency.

Personnel

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

Mechanical

- (i) Ensure no Locomotive should turn out from the shed with VCD in defective/isolated condition.
- (ii) Check knowledge of Loco Inspectors and Trainers and their regular training must be ensured for being conversant with latest modifications, new equipments etc.

Electrical

- (i) Check knowledge of Loco Inspectors and Trainers and their regular training must be ensured for being conversant with latest modifications, new equipments etc specially 3 phase Locomotive fitted with AC/DC convertor.
- (ii) Ensure no Locomotive should turn out from the shed with VCD in defective/isolated condition.

Engineering

- (i) Monsoon Patrolling.
- (ii) Check Anti Sabotage measures for protection of track.

S & T

- (i) Ensure provision of Fire Alarm system in Relay Room.
- (ii) During maintenance of Point ensure obstruction test and track locking.

Security

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

Commercial

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

September 2019

General

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

Operating

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

Personnel

- (i) Settling of grievance of safety Category staff.

Mechanical

- (i) Special checks regarding working of Breathalyzers and its implications.
- (ii) To check and ensure that the all necessary checks are being carried out by JE/SE/SSE in C&W depots and diesel Loco Shed properly.

Electrical

- (i) To check and ensure that the all necessary checks are being carried out by JE/SE/SSE in C&W depots and diesel& electric Loco Shed properly.
- (ii) Special checks regarding working of Breathalyzers and its implications.

Engineering

- (i) Ensure lubrications on curves.
- (ii) Monsoon Patrolling in the identified and vulnerable sections and posting of stationary Watchman at vulnerable locations.

S & T

- (i) Checking of Lever lock.
- (ii) To check and ensure proper maintenance schedule of Signalling gears as per prescribed schedule.

Security

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

Commercial

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

October 2019

General

- (i) Jointly checking of ART& ARMV by officers.

Operating

- (i) Checking of Records maintained at L.C.gate.
- (ii) Checking of proper precaution at work site to avoid accident.
- (iii) Precautions for train working during foggy weather.
- (iv) Ensure availability of detonators

Personnel

- (i) Arrange to fill Safety Category vacancy through LDCE as per extent rule.

Mechanical

- (i) Emphasis on Brake continuity checks.
- (ii) Strict observance of speed restriction for Wagons loaded with CC+6+2T, and CC+8+2T and 25T axle load trains.

Electrical

- (i) Check alertness of staff nominated for movement of Tower Wagon at the time of brake down of OHE.
- (ii) Proper training to all staff of newly opened electrified section.

Engineering

- (i) Post Monsoon activities - Attention to run down stretches immediately after monsoon. Normal systematic maintenance for 4-5 days a week and picked up stacks.
- (ii) Ensure proper housing of Points.

S & T

- (i) Provision of Selective calling communication system with Manned L.C.Gates at Station controlling multiple Gates.
- (ii) Proper observance of rules during disconnection of Points & Signals. Correspondence test must be done before giving reconnection.

Security

- (i) Intensive drive against Roof travelling.

Commercial

- (i) Special checks regarding Inflammable materials in Goods /Parcel Sheds.

November 2019

General

- (i) Ensure provision of Walkie –Talkie to Staff concerned.

Operating

- (i) Check for observance of proper rules during Foggy weather.
- (ii) Proper follow up rules during Temporary Single Line working on Double line.
- (iii) Ensure Updating of Contact No. of Doctors and Local Authority.

Personnel

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

Mechanical

- (i) Adhering to proper rules during Temporary Single Line working on Double line.
- (ii) Maintaining 09 hrs rules rigorously.

Electrical

- (i) Maintaining 09 hrs rules rigorously.
- (ii) Review of facility provided at Running Room and Crew Booking Points.

Engineering

- (i) Precaution at fracture prone locations.
- (ii) USFD testing in sections due for rail renewal and at fracture prone locations
- (iii) Special attention to Cess and Banks damaged during Monsoon.

S &T

- (i) To check and ensure effectiveness of interlocking at L.C gates and all S&T items.
- (ii) Checks regarding Positive Boom locking at L.C gate.

Security

- (i) Close liaison to be maintained with Local Police and Civil authority.

Commercial

- (i) Check uneven loading and unloading at siding.

December 2019

- **General-** Securing of Vehicles.
- **Operating-** Follow proper rule for receiving the Train which come without proper authority to proceed.
- Ambush checks of Level Crossing Gates.
- Proper maintenance of register of monsoon patrolling and action while late turn-up of Patrolman.
- **Personnel-** Close liaison to be maintained to clear the backlog of Safety category vacancies.
- **Mechanical-** Ensure provision of Stop Board/Red Lamp during watering, examination and other attention to Coaches/Wagons at Station/Yard.
- Emphasis on 'Rolling in' and 'Rolling out' examination.
- **Electrical-** Checking of safety equipments in Power car of Rajdhani/Garib rath and other trains.
- Counseling of Loco Pilot during foot plate inspection to Follow Signal aspect while passing through Stations.
- **Engineering-** Greasing of Fish plated joints..
- Cold weather Patrolling – Launching of intensive cold weather patrolling when temperature is less than as specified in IRPWM.
- **S & T-** Ensure timely overhauling of Gears.
- Ensure proper working of DATA LOGGER.
- **Security** -Intensive drive against unauthorized Level Crossing with close liaison with state government officials.
- **Commercial-** Proper precaution during booking of Parcels and loading of consignment regarding explosives, inflammable etc items.

January 2020

- **General-** Follow up action in connection of Safety Action Plan.
- **Operating-** Checks follow up of Rules & regulation regarding emergency cancellation of signal, route and line clear by Station staff.
- Precautions for securing of Points during NI working.
- **Personnel** -Expedite the process of Fixation of Pay to those Safety Category staff who getting promotion.
- **Mechanical-** Couselling of LP&ALP during Foggy weather.
- Special checks of Bio-data of LP&ALP during Foot plate.

- **Electrical-** Special checks of Bio-data of LP&ALP during Foot plate.
- Observance of rules when train stopped at IBP.
- **Engineering-** ZMF to be ensured.
- To ensure Cold Weather patrolling when ever required.
- **S & T-** Intensive checks on track bonding plan (design as well as actual connection) on each and every Station to ensure that no dead sections are possible.
- Ensure joint inspection of traction bonds with Senior Supervisors of the TRD as per JPO.
- **Security-** Patrolling of Track in Sabotage prone area.
- **Commercial-** Preventive measure to prevent Fire in Tank wagons during loading and unloading.

February 2020

- **General**
- Co –ordination in loading of Brake Van equipments.
- **Operating**
- Detection of Flat tyres, Open door, Hot axle, Spring broken etc by train passing staff.
- Checks regarding proper working of Sliding boom.
- **Personnel**
- Expedite process of Fixation of Pay to those Safety related staff getting promotion.
- **Mechanical**
- 100% Provision of quick coupling arrangement/provision of pressure gauge in both Coaching & Goods train.
- Fire prevention / protection item in Loco, Coaches & petroleum rakes.
- **Electrical**
- Consolidated target to bring down OHE failure at the minimum
- Fire prevention / protection item in Loco & Coaches.
- **Engineering**
- Ensure training of trackman working as Gateman.
- Renewal/Reconditioning of damaged/workout Tongue rails.
- **S & T**
- Checking of IPS battery, SMR, Module, etc.
- Verification & correction of Yard diagram & circuit diagram as per existing Yard layout.
- **Security**
- Ambush check by RTO & RPF at L.C gate and defaulters should be taken up.
- **Commercial**
- To check the knowledge of checking staff regarding their duties during accident.

March 2020

General

- (i) Rigidly follow SWR prescribed for Station.

Operating

- (i) After cancellation of NI, the location of new Signal must be communicated by Operating department to notice station and all concerned as per G&SR.
- (ii) Follow up of GR&SR provision for movement of Motor Trolley.

Personnel

- (i) Improve quality of Training.

Mechanical

- (i) Improve quality of training to LPs/ALPs/Shunters with regards to the knowledge of various parts of the engines.
- (ii) Counseling of LPs/ALPs on use of Mobile Phones/VHF Sets/Alcohol policies.

Electrical

- (i) Counseling of LPs/ALPs on use of Mobile Phones/VHF Sets/Alcohol policies.
- (ii) Improve quality of training to LPs/ALPs/Shunters with regards to the knowledge of various parts of the engines.

Engineering

- (i) Ensure adequate Packing under crossing & switches.
- (ii) Trimming of Tree branches infringing visibility of Signals.

S & T

- (i) Checking of working of telephone at various working place
- (ii) Checking up of effectiveness of Lock bar, Lever frame and route holding etc.

Security

- (i) Security patrolling of the track should be carried out in the vulnerable sections where a perceived threat to rail movement is reported by police/security agencies.

Commercial

- (i) Special checks regarding Inflammable materials in Goods Shed.

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