

East Central Railway

Office of the
General Manager / Safety
Hajipur.

No. ECR/Safety/ Calendar/18

Dated: 16.3.2018

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

Sub: Safety Calendar for the Year 2018– 19

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.

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**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

2018-2019

EAST CENTRAL RAILWAY

SAFETY CALENDAR FOR THE YEAR 2018– 19

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 2018– 19

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

April 2018

General

- (i) Clearance of back log of PME& Refresher overdue.

Operating

- (i) Securing of Stabled vehicle in Station /yard
- (ii) Proper follow up rules during NI working.

Personnel

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

Mechanical

- (i) Inspection os ART,ARMV and SPART.
- (ii) Check availability of adequate lighting in pit line.

Electrical

- (i) Inspection of running rooms
- (ii) Ensuring availability of adequate lighting in pit line and yard.

Engineering

- (i) Precautions regarding hot weather patrolling should be circulated to all concerned Supervisors & staff concerned LWR maintenance.
- (ii) Checking of proper provision of Road Sign& Speed breakers at L.C gates.

S & T

- (i) Ensure supply of sufficient Nos. of Walkie- talkie at different depot. .
- (ii) Check proper working of VHF and Walkie –talkie sets

Security

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

Commercial

- (i) Proper precaution during booking of Parcels and loading of consignment regarding explosives, inflammable etc items.

May 2018**General**

- (i) Surprise night inspection by all departments regarding alertness check.

Operating

- (i) Ensure issue of PLC and necessary document during failure of block instrument.
- (ii) Proper precaution to be taken before sending of a Relief train/engine into occupied block section.

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) Strict observance of maintenance schedule at C&W Depot/ Washing Pit/Coaching Complex.

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) Integrity testing of foundation.
- (ii) Intensive as well as qualitative USFD to be done to avoid rail fracture

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) Check the knowledge of checking staff regarding their duties during accident.

June 2018

General

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

Operating

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

Personnel

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

Mechanical

- (i) Ensure proper working of Sander and Wipers.
- (ii) Ensure brake continuity test before starting the train.

Electrical

- (i) Observance of rules during accidental train parting.
- (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.

Engineering

- (i) Checking of Points & Crossing inspection & its compliance too.
- (ii) Ensure working of Gang mate as Key man once in a week.

S & T

- (i) Checking of Points & Crossing inspection & its compliance too.
- (ii) Ensure minimum distance for visibility of various signals.

Security

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

Commercial

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

July 2018

General

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

Operating

- (i) To check and ensure that ASM/SM/Dy.SS/SS are having Panel and valid block competency certificate.
- (ii) Take laid down precautions before putting back Signals at 'ON'.

Personnel

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

Mechanical

- (i) 100% Brake power in air brake train in originating point and 90% at any intermediate point.
- (ii) Foot plate Counseling regarding proper observance of speed restriction.

Electrical

- (i) Checking of high intensity Twin-Beam – Head light in locomotive.
- (ii) Utilisation of Loco Pilot on Tower Wagon after ensuring their competency i.e., PME& Refresher.

Engineering

- (i) Monsoon Patrolling in the identified and vulnerable sections and posting of stationary Watchman at vulnerable locations.
- (ii) Special checks on Points and crossing.

S&T

- (i) To check and ensure that all axle counters used for track circuiting and BPAC working are functioning properly and there resetting working also in working order.
- (ii) Checks regarding Positive Boom locking at L.C gate.

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.

August 2018**General**

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

Operating

- (i) Rigid observance of Shunting rules during Shunting operations.
- (ii) Checking effectiveness of Sliding boom.

Personnel

- (i) Immediate posting of Safety category staff after completion of training.

Mechanical

- (i) Review of facility provided at Running Room and Crew Booking Points.
- (ii) Inspection of Crew Booking Points.

Electrical

- (i) Check Safety equipment provided in Loco such as Auto Flasher light , Twin Beam Head light, Fire extinguisher, Wooden wedges etc.

- (ii) Maintenance Shed to ensure working of all Safety equipment in Loco before dispatching it for traffic service.

Engineering

- (i) Special precautions to be taken in area prone to Land slide, Boulder falling etc.
- (ii) Inspection of ongoing Railway works which may affect safety of train operation.

S & T

- (i) Periodical Checking of availability of Token/ Tablet in Single line territory where provided.
- (ii) Checks regarding double locking arrangement in Relay Room & maintain proper entry in Register

Security

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

Commercial

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

September 2018

General

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

Operating

- (i) Ambush checks of Level Crossing Gates.
- (ii) Observance of rule during abnormal working.

Personnel

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

Mechanical

- (i) Ensure sufficient supply of safety equipment to Loco Pilot.
- (ii) Ensure Zero defect /most change items during 'IOH' of coaches.

Electrical

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

Engineering

- (i) Special attention to Cess and Banks damaged during Monsoon.
- (ii) Special precaution in area prone to Land Slide, Hill slip, Bolder falling etc.

S & T

- (i) Ensure double locking arrangement in Block Instrument.
- (ii) Ensure Safety tolerance of all Signaling gears and equipments 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 2018**General**

- (i) To check Foggy Weather precautions by all Departments.

Operating

- (i) Checking out availability of Safety equipments as per SWR.
- (ii) Ensure placing of Detonators during Foggy weathers where required as per rule.

Personnel

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

Mechanical

- (i) Counseling of staff regarding action after exploding Detonators.
- (ii) Checking working of Composite Brake Blocks.

Electrical

- (i) Inspection of Loco Shed and EMU Shed.
- (ii) Counseling of staff regarding action after exploding Detonators.

Engineering

- (i) To check and ensure adequate visibility for both Train Loco Pilot and Road Users at Level Crossing gate.
- (ii) Work site inspections.

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) Check the working of Weigh bridge where provided.

November 2018

General

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

Operating

- (i) Checking proper protection at work site to avoid incident.
- (ii) Checks regarding alertness of Station Staff at the time of through passing train.

Personnel

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

Mechanical

- (i) Counselling of Loco Pilots regarding protection of disabled train.
- (ii) Alertness check of Loco Pilot after exploding detonators.

Electrical

- (i) Counselling of Loco Pilots regarding protection of disabled train.
- (ii) Alertness check of Loco Pilot after exploding detonators.

Engineering

- (i) Lubrication of curves, Points & crossing & poor formation.
- (ii) Attention to Bridge approaches.

S & T

- (i) Checking of backup power supply arrangements in both electrified and non electrified territory.
- (ii) Surprise checking of Veeder counters of Panel etc.

Security

- (i) Drive against Trespassers.

Commercial

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

December 2018

General

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

Operating

- (i) Ensure proper setting and locking of facing point before serving of T/369(3b).
- (ii) Issue of proper Shunting order before Shunting operations.

Personnel

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

Mechanical

- (i) To Check and ensure that proper maintenance of equipments and all necessary

- Certificates are available in Pantry Car.
- (ii) Special checks for valid BPC.

Electrical

- (i) Ensure that all electrical wiring/ appliance are in proper conditions in Pantry Car to avoid any fire incidence.
- (ii) Checking working of lighting equipments at manned LC gates.

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) Ensure clearance of tracks after unloading in Yard.

January 2019

General

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

Operating

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

Personnel

- (i) Timely compliance of Staff grievances written at different Stations.

Mechanical

- (i) Ensure not backing of Train after trail through the Point.
- (ii) Securing of Trains in the block section as well as in the Station section after failure of Engine.

Electrical

- (i) Emphasis on Brake continuity checks.
- (ii) Precautions when Train stopped in the block section due to OHE failure.

Engineering

- (i) Proper precaution during unloading of Engg. materials.
- (ii) Checks and ensure proper working of Cold Weather patrolling when ever required.

S & T

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

Security

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

Commercial

- (i) Thorough checking of Pantry car

February, 2019**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 timely payment of OT&TA to Safety category Staff.

Mechanical

- (i) Proper precaution when train held up on a graded section.
- (ii) Achievement of Zero defects in between two Schedule maintenance of Rolling stock.

Electrical

- (i) Proper precaution when train held up on a graded section.
- (ii) Counselling of Loco Pilots regarding protection of disabled train.

Engineering

- (i) Ensure availability of safety related equipments with gang.
- (ii) Ensure utilization of gang man on LC gate after proper training with valid competency certificate.

S & T

- (i) Checking of working of Control Telephone & Block Telephone at Stations.
- (ii) Checking of all Signal equipments earthing prone to lightening.

Security

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

Commercial

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

March 2019

General

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

Operating

- (i) Checking of Emergency Cross Over as per SWR.
- (ii) Detection of Flat tires, Open door, Hot axle, Spring broken etc by Staff related to train passing staff.

Personnel

- (i) Expedite process of Fixation of Pay to those Safety related staff getting promotion.

Mechanical

- (i) Ensure compliance of Crew observation noted during run.
- (ii) Ensure proper Brake Power check by Loco Pilots on start from originating Station.

Electrical

- (i) Proper observance of rules after exploding detonators.
- (ii) Adherence to zero missing Safety fittings at the time of turning out of Coaches & Wagons from Workshop and Sick line

Engineering

- (i) To ensure basic infrastructure and safety equipments at L.C gates.
- (ii) Intensive as well as qualitative USFD to be done to avoid rail fracture.

S & T

- (i) Checking of working of telephone at various working place
- (ii) Checking up of Lock bar, Holding bar, Clearance bar,, Lock bar clips, Lock bar stopper etc

Security

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

Commercial

- (i) Check uneven loading at siding.

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