

फाइल सं.No.Y/P. 608/V/4/Vol.II

CMPE/SWR/UBL, PCEE/SWR/UBL, PCPO/SWR/UBL,
CCRC/MYS, ASK, HRR, SKLR, JRU, SBHR,
CLI/MYS, ASK, HRR, SKLR, JRU, SBHR.

विषय: Selection for the post of Safety Counsellor (Loco)
SUB: [Ex-Cadre Tenure post] in Level-7, Pay Band
Rs.9300-34800-4600(GP).

It is proposed to fill up 01 existing vacancy of Safety Counsellor(Loco) in Level-7, Pay Band Rs.9300-34800-4600(GP). The post of Safety Counsellor (Loco) is an ex-cadre post since it is a single post, no reservation is applicable.

Volunteers from employees in the under mentioned categories whose lien is in MYS division are called to fill up the post of Safety Counsellor(Loco). Staff who volunteer from the under mentioned category should fulfill the under mentioned conditions.

A) Categories of staff eligible to Volunteer.

- 1) Chief Loco Inspector in Level-7 in PB Rs.9300-34800+4600(GP).
- 2) Loco Pilot(Mail) in Level-6 in pay band Rs.9300-34800-4200(GP).
- 3) Loco Pilot(Pass) in Level-6 in pay band Rs.9300-34800-4200(GP).
- 4) Loco Pilot(Goods) in Level-6 in pay band Rs.9300-34800-4200(GP).

The volunteers working in Level-6 in pay band Rs.9300-34800+4200(GP) should have a minimum experience of two years service in that grade.

Willingness once given will be final and no request for withdrawal at a later date will be entertained under any circumstances.

B) CONDITIONS/REQUIREMENT.

- 1) The persons should have a good working knowledge of Loco Motive operation, train operation, Knowledge of measurement during accidents, knowledge of signalling, knowledge of track.
- 2) They should have adequate experience in Loco Motive working.
- 3) They should be good in drafting and presenting the reports.
- 4) As safety Counsellor, they are also expected to deal with accident cases for giving opinion and it is essential that they should have a flair for analytical investigation.
- 5) They should have special aptitude for Safety works.
- 6) They should have adequate educational background preferably with degree/diploma qualification.

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V. S. Pal
05/08/19

The selection for the post of Safety Counsellor(Loco) shall be in accordance with RBE No. 196/2018 dated: 14.12.18. There will be questions on the syllabus prescribed for selection for the post of Safety Counsellor(Loco). Apart from this there will be questions on Rajabhasha for 10% of the total marks which are not compulsory.

Employees volunteering for the selection have the option to write the written exam either in English or in Hindi.

The tenure of the employee selected as Safety Counsellor(Loco) after the due process of selection is 04 (Four) years. After the completion of the tenure period of posting, incumbent shall be posted back to the cadre post.

Employee on his posting as Safety Counsellor (Loco) will be eligible to draw 30% of pay of running post for performance of stationary duty. Incumbent posted as Safety counsellor(Loco) should be ready for extensive travelling over the division.

Such of those staff who are desirous to apply for the above post and fulfil the eligibility condition may submit their application in the enclosed format on or before **23.08.2019** to their depots. Applications received after the due date will not be entertained. It is the responsibility of depot incharge to forward applications (received before the due date at their end) to this office **in one bunch** on or before **26.08.2019**. **The last date of receipt of applications is 26.08.2019; 18:00 Hrs in this office.**

Wide publicity may be ensured among the eligible Running staff working under your control.

Syllabus for the above selection is enclosed.

Please acknowledge the receipt of this letter.

Encl: As above

V. S. pal
05/08/19
VISHNU GOUDA

सहायक मंडल कार्मिक अधिकारी/II APO/II/MYS
कृते वरि. कार्मिक अधिकारी/मैसूर for Sr.DPO/MYS

Copy to : Sr.DEE/MYS, Sr.DSO/MYS, DME/MYS, ADME/ASK,
Copy to : CPRC/MYS, Notice Board, Steno to Sr.DPO,
Copy to : Divl.Secy./SWRMU/MYS Dn.
Copy to : Divl.Secy. AI SC ST REA/MYS Dn.
Copy to : Divl.,Secy. AI OBC REA/MYS Dn.

V. S. pal
05/08/19

APPLICATION FOR THE POST OF SAFETY COUNSELLOR (LOCO)
ELECTRICAL DEPARTMENT, MYSORE DIVISION.

1.	NAME	
2.	FATHER'S NAME	
3.	DESIGNATION	
4.	STATION/DIVISION	
5.	PF NO.	
6.	PRESENT PAY, GRADE PAY, LEVEL	
7.	COMMUNITY	
8.	DATE OF BIRTH	
9.	EDUCATIONAL QUALIFICATION (ATTESTED COPIES OF THE CERTIFICATE TO BE ATTACHED)	
10.	DATE OF APPOINTMENT	
11.	DATE OF ENTRY INTO THE GRADE OF :	CHIEF LOCO INSPECTOR
		LOCO PILOT(MAIL)
		LOCO PILOT(PASS)
		LOCO PILOT(GOODS)
12.	DATE OF REGULAR PROMOTION TO THE PRESENT GRADE.	
13.	WILLING TO WRITE WRITTEN EXAM IN	ENGLISH
		HINDI
14.	THE PERIOD WORKED IN ANY OTHER EX-CADRE POST	

I am aware that, in the event of my posting as Safety Counsellor(Loco), I will be posted to work anywhere over MYS division and my seniority will continue to be maintained in my parent cadre for the purpose of further promotion.

Signature of the employee

Signature of the Supervisory Official
(Seal)

PLACE :

DATE :

Syllabus for selection of Safety counselors (Loco).

1. Knowledge of Safety Rules.

Broad knowledge of GR & SR, Accident Manual and their Amendments slips- Safety Circulars/ Bulletins- SOB's- Block working manuals- Station working Rules- HOER-RSRC Recommendations- HLC Recommendations-First aid.

2. Knowledge of Locomotive operation.

Types of Locomotives- WDM2/WDM3A/WDG3A/WDG4/WDP4 WDS6-Descriptions and differences among them- Various inspections and schedules - Descriptions and location of various auxiliaries in various types of Diesel locos - Locations of various cocks in various types of locos- Locations and functions of various Pneumatic valves and pressure setting—Electro-Pneumatic contactors—Relays- Fuel oil system- Lube oil system- Cooling water system- Air intake system- MR/BP/FP pressure system-Brake systems 28LV-1/28LAV-1- Starting circuit- GF circuit/Throttle/DMR circuit-Power circuit- propulsion control- Transition circuit-Knowledge of duplicate circuit breakers and switches-Knowledge of By-pass switches and breakers.

Under Truck-Knowledge of Various safety fittings and safety equipments- Abnormality in rolling stock.

Knowledge of GM locos.

EM2000 Advanced computer display diagnostic system-Crew message list-crew message format-Radar- Computer controlled Brake system-procedures of changing control stands/operation of MU and TLC of locomotives.

3. Knowledge of Train Operation.

Understanding the Contents of shunting instruction forms-Different kinds of shunt signals- precautions while shunting various goods stocks- shunting speed charts-Continuity/brake power test after every attaching/Detaching- Shunting during receptions of trains, near level crossings, shunting on gradients- Loose shunting- Fly shunting- Securing of Vehicles-Appling all types of brakes and wooden/iron skids when stabling- Shunting with continuity while attaching/detaching of Wagons/Dead locos- Precaution to avoid Brake Binding/Wheel Skidding-Working principle of vacuum/air brake systems- Charging of Vacuum/ BP & FP- Amount of Vacuum/ Air pressure required In Goods--trains- Brake power/ Continuity certificates and their validity- Required percentage of Brake power at starting/ enroute stations in Airbrake/Vacuum in CC /other rakes- Calculation of brake power- Action when experienced poor brake power- Working of trains with invalid/without BPC- Continuity test,

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Leakage test in vacuum/Air brake trains- Connection/ disconnection/ changing of Vacuum/BP/FP hoses- Changing of washer in BP/FP- Bypassing of BP- Action to be taken on Brake binding-Prevention of flat tyre in vacuum/air braked freight stocks -Spring broken/ clamped wagons-Clearing and Detaching of hot axle; Types of ODC'S and speed limits.

3.1. Knowledge of train operation in Normal conditions.

Systems of working- Standard time- Time setting- Time of attendance for train crew- Direction of running- Working time table-Knowledge of maximum permissible speed of various Locomotives/Wagons/Sections. Knowledge of engineering indicators- Caution orders- Engine pushing- Speed of light engines- Drivers equipments- Speed charts- Whistle codes- Traffic Authorities.

Before starting: -

Acknowledging latest instructions/caution orders-Proper taking over/handling over charge-Examination of Loco/Load - Clearing load from enroute stations where TXR available/not available- With BPC/without BPC-Clearing of dead locos with MR/BC equalizing pipes coupled/not coupled-Knowledge of moving disabled locomotives by trains- Receipt of caution orders- Proper authority to proceed.

Starting of Trains: -

Starting from un-signaled/common starter line-Knowledge of precautions while starting the train from level track/up gradient/down gradient- Calling out/repeating/exchanging of signals- Checking of train brake power- Knowledge of smooth acceleration/deceleration of train speed.

Running of Trains: -

Exercising cautious drives-Train management-Knowledge of Train Dynamics- Precautions of applying dynamic brakes- Knowledge of ascending on Ghat with Banker in rear- Descending Ghat with banker in front-Double headed operation- Coasting/energy conservation.

Stopping of Trains: -

Reception of train in to obstructed line- Clearing of fouling marks- Knowledge of stopping train on level/gradient tracks without jerk- Knowledge of proper handing over charge /detaching of engines.

3.2. Knowledge of train operation in abnormal conditions.

Protection of train in abnormal with - flasher, Detonators, flare signals, Hand signals-Knowledge of passing. Information through RE and PT phones-Whistle codes/authorities used during abnormalities- Knowledge of Fire fighting-Types of fire extinguishers and their operation.

Working of trains when:-

Different stop signals defective-Train parting/ dividing- Poor brake power- Fire-Flood- Storm- Foggy- Jerk/ Lurch- Loco failure-Accidents- Rail breakages- welding failure- Cattle run over- Alarm chain pulling- Driver incapacitated- Failure of communication- Temporary single line working on double line- Entering in to obstructed section- Action when noticed flasher at "ON"/bursting of detonators/ burning of fuse- Held upon gradients- Hot axle/locked axle in loco/load. Train working when head light/whistle/SPM failed- Wheel skidded-Train without guard-Knowledge of actions to be taken when accident taken place.

4. Knowledge of Measurements during Accidents.

Knowledge of preservation of clues- Recording of loco gauge/meter readings, Preservation of Speedometer chart/Freezing of SPM memory-Joint certification of SPM chart- Knowledge of Loco under truck measurements-Wheel Diameter-allowed variations on same axle, Same Bogle, Bogle to Bogle, Tread gauge-various wheel profiles-Sharp flange-Root flange-Flat tyre-deep flange-thin flange-Hallow flange-Root radius-Knowledge of suspension system-Knowledge of Centre pivot -Side bearers-Buffer measurements-Height-dead buffers-Displacements if any-Axle box clearances-Lateral & longitudinal clearances.

5. Knowledge of Signalling.

Kinds of signals: -- Fixed, Hand, Detonating, Flare signals- Permissive signals, Approaching stop signals, Departure stop signals in TALQ, MAUQ, MACLS territories- Shunt signals, Gate signals, Calling on signals, Co-acting signals, Repeater signals- Signals aspects and their indications- Defective signals- Methods of using Hand, Detonating, Flare signals- - Modern signaling- Track circuit, Axle counter, Panel Interlocking, Route relay interlocking, Solid state Interlocking, Automatic signaling, Speed sensing device, Auxiliary warning system, Centralized traffic control, Train describers.

6. Knowledge of Track.

Types of rails- Parts of rail- Types of sleepers- Rail fastenings- Super elevations/ Cant- degree of curvatures- Gradients- SFJ- SWR- LWR- CWR. Engineering caution indicators-Knowledge of track renewals/Destressing/track welding- Deep screening- Knowledge of Rail breakages/rail buckling/weld failures-Knowledge of points and crossing- Turnout of 1 in 8 1/2, 1 in 12 with straight/ curved switches- Cross over of 1 in 8 1/2, 1 in 12 with straight/ curved switches- Motor points- Facing and trailing points- Point/Trap Indicators, Standards of interlocking- Non-interlocking Rudiment Interlocking, Standard I, II, III Interlocking- Isolations-De-railing Switches, Speed over different points/crossings/interlocks.

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