



KAB-QC-38

OHSAS 18001 Registered

ISO 14001 Registered Certificate No. 683723

**B. P. Barnwal**  
**Dy Chief Mechanical Engineer (C)**

**C & W Workshop, Liluah**  
**IMS Certified (ISO 9001 : 2015**  
**ISO 14001:20015 Accredited**  
**OHSAS 18001:2007 Certified)**  
**5S certified,**  
**Green Co Gold certified**

**D.O. No. LG.7/1/Pt. LXXIII**

**4<sup>th</sup> May , 2019**

*Dear Shri Arora,*

**Sub:** Narrative Report for the Month of April, 2019.

- Ref:** (i) Dy GM(G)/ER's letter No. AC50/MCDO/Policy  
dtd.23.08.2018 .
- (ii) CWE/ER's letter No. MRW/266  
dtd.03.09.2018 .

With reference to above, MCDO of this workshop for the month of April, 2019 in New Format is enclosed herewith.

This is for kind information please.

With Kind regards

Yours sincerely,

**Shri Rajnish Arora,**  
**Principal Chief Mechanical Engineer,**  
**Eastern Railway,**  
**Kolkata.**

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*Mcd0-LLH- 04-19/MCDO NEW FORMAT<Ch.OSG>*

**MCDO OF C & W Workshop/Liluah/Eastern Railway for the Month of April, 2019**

(use font Calibri(body); font size 11)

**1. Safety** (Annexure D)

*(Inter alia to cover safety performance of the Zonal Railway, areas of concern for the Zonal Railway, Comments of health of infrastructure, timely action on safety related works, indents, plans, pending approvals etc. in GM's own words.)*

**Timely action on safety related works-**

- (a) All applicable PPE's like Industrial safety shoe, Helmet, Hand gloves etc. have been provided to all staff.
- (b) Different type of safety poster like Emotional safety poster, Safety Instruction poster and use of applicable PPEs have been displayed over entire focused area of workshop.
- (c) Installation of F.E. Booth along with accessories, provision of mobile water tank trailer and redressed of Hydrant point with fire fighting accessories for immediate action against fire disaster.
- (d) Installation of CO2 flooding system at paint shop Godown to arrest fire at any moment.

**2. Commendable display**

(of integrity, devotion to duty by Railway Officials (Brief description).

--NA--

**3. Crucial Infra Works**

(Works Progress of crucial infra works)

Sl. No.	Item	Target for the year	Target for the month	Cumulative progress	Reasons for shortfall (if any)
1	New Lines				
	Gauge Conversions				
	Doubling/3 <sup>rd</sup> /4 <sup>th</sup> line				
2	Electrification				
3	Track renewal				
4	Bio-toilets (Since Starting)	-	-	6661 Bio-toilets( in 1884 coaches)	
5	Status of development works (out of 68 stations)				

**4. Earnings** (Zonal Railway's Earning and way forward in GM's own words) (Annexure-B).

--NA--

**5. Non Fare Revenue**

(Action taken to maximise NFR and position thereof)

--NA--

**6. PSR/TSR**

(Action taken to remove PSR/TSR) **Annexure-K**

--NA--

**7. Maintenance blocks --NA--**

S. No.	%age of Block hours demanded to block hours granted during the month	Cumulative %age of Block hours demanded to block hours granted during the year.	Remarks

**8. Reforms**

S. No.	Item	Details	Remarks
1	Major process Reforms, delegation and simplification initiatives adopted on the Zonal Railway during the month.		
2	No. of meetings held by PHODs and/or Transformation Cell of the Zonal Railway with field staff for process reforms during the month.		
3	No. of instructions by Transformation Directorate of Railway Board yet to be implemented on the Zonal Railway.		
4	Activities under "Mission Satyanistha" during the month.	30 Nos. Staffs were given "Mission Satyanistha" Training during April' 2019.	
5	Total No. of nominated/scheduled training missed by staff/officers on the Zonal Railway during the month and three major category of such training programs.	Nil	Nil

**9. HR Initiatives (limit to 200 words)**

--NA--

**10. Swatchata**

(Steps taken during the month to improve upkeep and cleanliness; workplace, stations & trains, limit to 250 words)

-NIL-

**11. Steps taken to improve customer interface**

--NA--

**12. Digital initiatives**

-NIL-

**13. Crime control**

**--NA--**

*(Top 5 categories of crimes of the Zonal Railway based on average of 3years and crime against Women)*

S. No.	Description of crime	No. of crimes during the month	Crime no. during last 3 years	Action taken
1				
2				
3				
4				
5				

**14. Any other achievement(s) (Brief not exceeding 200 words)**

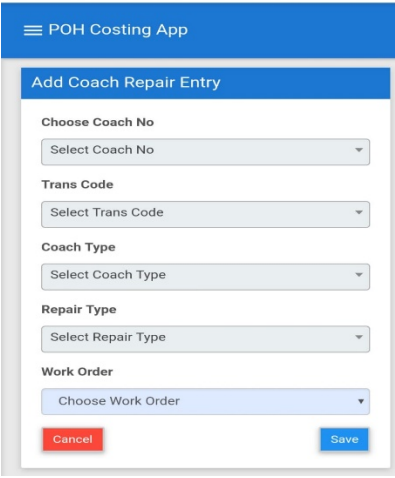
**14.1 GOOD WORKS DONE**

14.1.1 Off POH coaches of "PROJECT UTKRISHT" Rake for 1<sup>st</sup> & 2<sup>nd</sup> Bagh Express and few spare coaches consisting of forty six (46 = 08 AC+38 NAC) coaches turned out during this month.

14.1.2 2<sup>nd</sup> Staff Mega Toilet (out of 4) has been commissioned on 08.04.2019 at Bahar Line in front of 'J' shop.

14.1.3 30.5 mt. (i.e; 100 ft.) high Monumental Flag has been commissioned on 18.04.2019 at Administrative Garden.

14.1.4 POH costing app is made for automatically calculations of POH costing of coaches work-order wise

	
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14.1.5 One 'Mehta's Laser Engraving Machine called ÉVAN-30' has been installed by Jayita Cad Cam systems for further improvement of better traceability at CBC Draft Gear Section/L-shop on 04.04.19.

Following procedure of traceability is done at CBC & Draft Gear Section:

Before Laser Engraving Machine installed:



(Wagon Draft Gear)



(LHB Draft Gear)

After Laser Engraving Machine installed :



(Wagon Draft Gear)

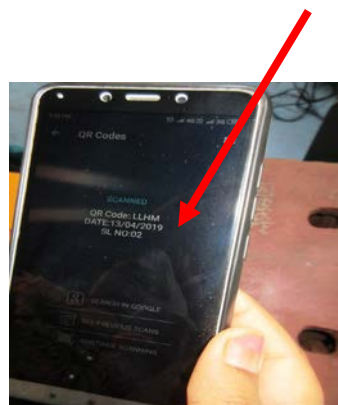
(LHB Draft Gear)

QR Code



QR Code read in Mobile Screen

(QRCode-LLHM,Date:13.04.2019,SL NO:02)



Improvement of better traceability on said item embossed numerically & also embossed QR code which will be discovered easily through mobile application by anybody at anywhere.

15. **No. of new references sent to Railway Board** (indicate Numbers only) **(Annexure-J)**

--NA--

16. **Assistance required** (preferably limited to 5 items)

16.1 **Stores Deptt.**

16.1.1 **Perennial Crisis of Safety Coaching items:-**

SN	PL No.	Assistance Description	MC	Target Supply (April'19)	Actual Supply	Stock in Hand
1	33500022	Silent Block for Roll Link	424	424	Nil	Nil
2	33500034	Traction Center Elastic Jt	100	100	Nil	Nil
3	30220300	Enhance Capacity Side Buffer	225	225	Nil	Nil
4	30320392	Brake beam complete to ICF	413	413	Nil	250

16.1.2 **Other Coaching POH Crisis Items**

SL	PL No.	Description	Remarks
1	30020487	Axel Box Housing	TC No. 52.19.1116 for 200 nos. OP 29.4.19
2	30020955	Face Plate	TC No. 52.19.1006 for 1236 nos.
3	33500060	Axel Box Pivot Bush	PO Exists, but material not received.
4	37138224	Buffer Spindle	TC No. 21.18.1001 for 2266 nos. No TOD.
5	62339291	25 mm Seamless Pipe	i) TC No. 01/18/1005 Due Qty. 6579 mtrs.
6	62339310	20 mm seamless Pipe	TC No. 52.19.1083 for 1602 mtrs. PO on Sarbamongla but cancelled RT-22/4/19.
7	75615216	Floor Topping Compound	TC No. 01/18/1022 for 9552 nos. OP 05.4.19
8	30137081	S.S Tough Floor	PO exists, but material not received

### 16.1.3 Availability of Safety Items for ICF Coaches & wagons :

The availability of Safety Items for ICF Coaches and Wagons needs to be improved upon to the **“Minimum Satisfactory level of 100%”**. For ensuring the above, all Safety Items with “Low Stock” should have “Covered Dues” along with available DP.

On date, however, there are 17 Safety Items with Stock below 3 months and not having proper covered dues. The summarized list is given below:-

Safety Items only (Group-wise)		Total no of items	Stock Nil or Below 3 months				Remarks
			without Covered Dues	with Covered Dues but with DP expired	With covered dues with DP available	Total No. of items below 3 months	
Manufacturing		26	0	0	7	7	WTA below 3 months -Nil
Coaching	Mechanical	63	3	1	18	22	
	Electrical	2	0	0	0	0	
Mechanical (Wagon)		106	8	5	27	40	
<b>Total</b>		<b>197</b>	<b>11</b>	<b>6</b>	<b>52</b>	<b>69</b>	
<b>Most Urgent</b>			<b>17</b>				

List of items without covered dues and where DP has expired is furnished as under.

SN	PL No.	Description	Remarks
<b>Safety items without Cover dues</b>			
1	33500228	Anti Roll Bar Fork	
2	33501440	High Tensile OBC with AAR H	
3	38034645	Axle Cap screw 1in for box-n	
4	38134093	Lock for all AAR CBC	
5	38134305( New PL 38130725)	KUNCKLE	
6	38135851	Yoke BOXN	
7	38136132	Striker Casting for BOXN	
8	38149590	Overhauling Kit no.13 for slack Adjuster Type IRSA- 600 as per RDSO's Specn no-07-ABR-92	
9	38161187	POH KIT for Common Pipe Brake	
10	38161266	POH Kit (ISO/cock SIL)	
11	38165272	Bottom Cover Housing sub Assly.	



Safety items with Cover dues but DP expired			
1	30070442	Locking Pl. For anchor link	PO No. 11.18.1674.1.03660 dt 04.07.18 on M/s Standard Auto Gears Pvt Ltd., Mohali. Qty 96331 nos. DP - 04.11.18 (Expired.) Firm has applied for DP. (M - 09815300125) No response by firm.
2	38040189	Snubber Spring H S Bogie	P.O. No. 21171007103992 dt. 07/08/17 on M/s HOWRAH FORGINGS LIMITED-KOL.(9836883891) for 326 nos.DP: extended upto 12.02.19. Firm has applied for DP, under process. (ch on 29.0319, no response)
3	38106218	Adapter retainer bolt+ lock nut	1.P.O. No. 21171018102286 dt. 26/03/18 on M/s ANAND BOLTS-LUHDIANA qty 5073 nos. <b>DP:17.11.18 (Extended)</b> (Del. At HWH) No prospect of immediate supply
4	38106401	Narrow jaw adapter 22w(hs)	1. P.O. No. 21171026102664 dt. 23/04/18 on M/s GEMUS ENGG. LTD-KOL qty due 898 nos out of 2193 nos. DP: 28.04.19 Extnd. .(RDSO Insp./Del. At HWH) PDC - 1st week of May'19, Mat is under Inspection
5	38134135	Lock lift lever hook for CBC	1. P.O. No. 21.17.1050.1.03952 dt. 04/08/17 on M/s LALBABA IND. CORPN (P) LTD.(9830276209)-HWH qtydue 2557 Nos out of 3557 nos.DP: 04.02.18.Extnd upto 27.04.19.(RDSO). PDC - end of May'19.
6	38136168	Striker Casting Wear Plate	1.P.O. No. 21171061104579 dt. 23/10/17 on M/s MELBROW ENGG. WORKS (P) LTD.-KOL qty due 835 out of 1435 nos.DP:23.06.18. Refd to HQ on 03.07.18 for N/a . DP Expired &No prospect

## 16.2 Engineering Deptt.

**16.2.1 Supervisors:** There are 03 vacancies of JEs in the Engg wing. Since the supervision of various engineering works is getting hampered severely, PCME is requested for his kind intervention in impressing upon PCE to post three JEs to LLH workshop.

## 16.3 Requirement of Manpower in Metallurgical Laboratory in Liluah:

6 posts of CMS and 02 posts of CMA are lying vacant and need to be filled expeditiously. It is requested that the vacancy be filled at the earliest.

## **16.4 Personnel Deptt.**

### **16.4.1 Posting of AIO/LLH:**

The post of AIO needs to be filled up in view of the increasing inspection requirement of the ever expanding LHB fleet. It is hence requested that the said posting may be made at the earliest.

### **16.4.2 Posting of CMT/LLH:**

The post of CMT is lying vacant w.e.f. 30.01.19 due to transfer of Shri A.K.Bose. Office Order (PCPO's O/O No. G.III/Mech./13/2019 dt. 18/4/19) received from PCPO/E.Rly. for posting of CMT/LLH, but officer concerned not yet reported. It is requested that the vacancy be filled at the earliest.

### **16.4.3 Posting of AWM(M-I)/LLH:**

The post of AWM(M-I)/LLH is lying vacant due to superannuation of Shri R.K. Basak on 31.08.2018. It is requested that the vacancy be filled at the earliest.

## **16.5 Electrical Deptt.**

**16.5.1** The post of WEE/LLH is lying vacant due to transfer of Shri S.Roy since 23.11.2017 (AN). It is requested that the vacancy be filled at the earliest.

## **16.6 RSP item**

### **(A) Mechanical Department:**

16.6.1 ER LAW Book Item no. 1169/NA of 2018-19, Bogie Frames for LHB Coaches @36.736 lakh per bogie for 25 bogies have been processed through Stores procurement. RT opened on 25.01.18 PO No. 11/17/5018/01/41231 dtd. 24.05.2018 issued on M/s Bhilai Engineering Corporation Limited. DP- 24.09.2018. Qty. reduced from 25 to 24 nos. for price escalation. Full material i.e. 24 nos. Bogie Frame (15 nos. received on 05.11.2018 and rest 09 nos. on 05.02.2019) has been received within February 2019, Hence, above work may be deleted from MCDO.

16.6.2 ER Law Book Item No. 1131 of 2018-19, Spare of LHB Coach Maintenance (Furnishing) Works, 12 set, @2.07917 lakh per set. Case file no. 1/16/6086 sent to PCMM/KKK on 15.05.2018, with rectified fresh Annexure with Provisional Fund for 2018-19. New T/C No. 11/17/5024, tender opened on 04.02.2019. No bid received.

16.6.3 ER Law Book Item No. 1129 of 2018-19, ICF Design Bogie fitted with Air Spring (Hybrid Bogie). @ 68.3667 lakh per bogie 4<sup>th</sup> time Re tender processed but no bid received. Again, Tender Case No. 52/17/5398 for 01 no. 16 T AC coach and T/case no. 52/17/5399 for 02 nos. Non – AC Coaches under process for 5<sup>th</sup> time retender (Planned for retendering with relaxation in tender condition), date not finalized.

**(B) Electrical Department**

- 16.6.4 Pink Book Item no.699 of 2019-20, Provision of 10 nos. higher capacity DG set for Power Car (ER-1).PO no. 08175115100986 DT. 29.03.2019 issued to M/s Garuda Power Pvt. Ltd, Kolkata. DP-29.09.2019
- 16.6.5 Pink Book Item no.706 of 2019-20, Provision of 20 nos. higher capacity DG set for Power Car (ER-3), Po. No. 08.17.5113.1.41447 dt 26.10.2018 for 02 sets on M/s Kirloskar for balance one quantity- MA issued to Kirloskar.DP-26.06.2019.
- 16.6.6 Pink Book Item no.657 of 2019-20, Provision of 30 nos. higher capacity Diesel Engine along with all accessories (ER-4), PO no. 08.17.5113.1.41447 Dt. 26.10.2018 for 02 nos. on M/s Kirloskar, for balance two quantity- MA issued to Kirloskar.DP-26.06.2019.
- 16.6.7 Pink Book Item no.705 of 2019-20, Procurement of high capacity IV Coupler and 150 Sq. mm feeder cable for 500 coaches (ER-142). Out of 09 nos. items, 07 nos material received. Balance 02 items are- (i) (Aluminum Pipe)-PO no.52175737150663 Dt.09.05.2018, DP extended upto 30.04.2019. (ii) E-Beam cable of 150 Sq. mm. (20874 mtr.) –Tender case no. 11.18.5006. TOD -11.03.2019. Case sent to DyCMM(C & W) HQ after fund certification of 2019-20 on 22.04.2019. TC under acceptance. Dig. Officer- DyCMM (C & W) HQ.
- 16.6.8 L.B. Item no. 1116 of 2018-19, Roof Mounted Package unit (Conventional type) for AC coaches with control panel- 10 sets for LLH workshop. Tender No. 08.17.5013B. Tender Case cancelled. Fresh NSR no 955557518 DT. 27.03.2019 is under Process.NSR sent to PCME for counter signature on 26.04.2019.
- 16.6.9 P.B. Item no. 754 of 2019-20 (701 of 2018-19). Procurement of 20 nos. Diesel Engine & Alternator set along with all the accessories for power cars @ 40 lacs each. Estimation is under process. Description of P.B. Item no. 701 of 18-19 for 20 nos. HHP diesel Engine for Power Cars has been changed in 2019-20 (P.B. Item no. 754) as “Diesel Engine and Alternator set along with all the accessories.”

**17. Pending Court/Contempt Case(s):**

Name of the Court	No .of Cases pending as on 01.04.19	No. of cases accrued during the period from 01.04.19 to 30.04.19	Total	Finalised during the period from 01.04.19 to 30.04.19			Balance as on 30.04.19
				Won	Lost	Total	
CAT	28	01	29	01	--	01	28
High Court	18	--	18	--	--	--	18
Supreme Court	01	--	01	--	--	--	01
Contempt	01	--	01	--	--	--	01
<b>Total</b>	<b>48</b>	<b>01</b>	<b>49</b>	<b>01</b>	<b>--</b>	<b>01</b>	<b>48</b>

**Annexure enclosed in MCDO Format**

1. Financial performance (as per Annexure 'A' enclosed)
2. Originating earning (as per Annexure 'B' enclosed)
3. Community wise loading (as per Annexure 'C' enclosed)
4. Safety (Accidents) (as per Annexure 'D' enclosed)
5. Assets failure (as per Annexure 'E' enclosed)
6. Pending vigilance cases (SF-5 & SF-11) (as per Annexure 'F' enclosed)
7. MoU performance(as per Annexure 'G' enclosed)
8. Performance Efficiency Index (as per Annexure 'H' enclosed)
9. Performance of the station where data logger is integrated with COA (as per Annexure 'I' enclosed)
10. Brief new references sent to Railway Board in the month (as per Annexure 'J' enclosed)
11. Status of PSR/TSR (as per Annexure 'K' enclosed)



2. **Originating earning (as per Annexure 'B' enclosed) --NA--**

**Annexure 'B'**

(Figure in Crore)						
	For the month			Cumulative up to month		
	Last Year	Current Year	%var. w.r.t. PRYR	Last Year	Current Year	%var. w.r.t. PRYR
Passenger Earnings						
Goods Earnings						
Other Coaching Eng						
Sundry Earnings						
<b>Total</b>						

3. **Community wise loading (as per Annexure 'C' enclosed) --NA--**

**( Annexure 'C' )**

(in MT)										
Commodity	For the month					Cumulative up to the month				
	Target for the CY	2018-19	2019-20	%var. over prev. year	%var. over Target	Target for the current year	2018-19	2019-20	%var. over prev. year	%var. over Target

4. **Safety (Accidents) (as per Annexure 'D' enclosed)--- NIL**

**( Annexure 'D' )**

S. No.	Date & time	Div.	Train No.	Details

5. Assets failure --NA--

Annexure 'E'

S. N.	Items	Monthly	Cumulative
1	Rail Failure		
1(a)	Rail Fractures		
1(b)	Weld Fractures		
1t	TOTAL (a+b)		
2	Diesel Loco Failures		
2(a)	Reporting Rly's Loco in its own territory		
2(b)	Foreign Rly's Loco in Reporting Rly territories		
2b1	CR		
2b2	ER		
2b3	ECR		
2b4	ECOR		
2b5	NR		
2b6	NCR		
2b7	NER		
2b8	NFR		
2b9	NWR		
2b10	SR		
2b11	SCR		
2b12	SER		
2b13	SECR		
2b14	SWR		
2b15	WR		
2b16	WCR		
2t	Grand Total (a+b)		
3	Electric Loco Failures		
3(a)	Reporting Rly's Loco in its own territory		
3(b)	Foreign Rly's Loco in Reporting Rly territories		
3b1	CR		
3b2	ER		
3b3	ECR		
3b4	ECOR		
3b5	NR		
3b6	NCR		
3b7	NER		
3b8	NFR		
3b9	NWR		
3b10	SR		
3b11	SCR		
3b12	SER		
3b13	SECR		
3b14	SWR		
3b15	WR		
3b16	WCR		
3t	Grand Total (a+b)		
4	<b>Wagon Failure</b>		
4(1)	Poor Brake Power		
4(2)	Spring <b>Breakage</b>		
4(3)	Journal Breakage		
4(4)	Hot Axle		
4(5)	Train Parting		

4(6)	<b>Wagon Detachment(a+b)</b>		
4(6)a	Road side detachment		
4(6)b	Detachment in Yard of Through Goods train not offered for examination		
5	<b>Coach Detachment</b>		
5a	Reporting Rly's Coaches in its own territory		
5b	Foreign Rly's Coaches in Reporting Rly territories		
5b1	CR		
5b2	ER		
5b3	ECR		
5b4	ECOR		
5b5	NR		
5b6	NCR		
5b7	NER		
5b8	NFR		
5b9	NWR		
5b10	SR		
5b11	SCR		
5b12	SER		
5b13	SECR		
5b14	SWR		
5b15	WR		
5b16	WCR		
5t	<b>Grand Total (a+b)</b>		
6	<b>OHE FAILURES</b>		
7	<b>Signal Failure as per Signal Failure Register</b>		
8	<b>STALLING CASES</b>		
8a	CC+8+2 LOADED TRAINS		
	Electric Loco		
	Diesel Loco		
8b	OTHER TRAINS		
	Electric Loco		
	Diesel Loco		
8t	TOTAL (a+b)		
	Electric Loco		
	Diesel Loco		
	TOTAL (a+b)		

**6. Pending vigilance cases (SF-5 & SF-11) (as per Annexure 'F' enclosed)**

**Annexure 'F'**

Category	Total no. of cases	Disposal awaited (beyond prescribed period)	Disposal during the month	Total no. of remaining cases
SF-5	NIL	NIL	NIL	NIL
SF-11	NIL	NIL	NIL	NIL



7. MoU performance (as per Annexure 'G' enclosed)

Annexure – 'G'

Annual performance Agreement(MOU) performance for 2019-20					
S. N.	Key performance Indicators	Unit of Measurement	Target	Performance for the month	Performance upto the month
1	(a)Revenues	Magnitude(Rs.Cr.)			
	(b)Ordinary Working Expenses(OWE)	Magnitude(Rs.Cr.)			
	(c)Originating Passenger Traffic	Millions			
	(d)Originating Freight Loading	Million Tons			
	(e)Sundry Earning/Non Fare revenue	Rs. Crore			
	(f) Capital expenditure	Rs. Crore			
2	Capacity Enhancement				
	(a) Doubling	Kms.			
	(b)Railway Electrification	Kms.			
	(c)New Lines	Kms.			
	(d)Gauge conversion	Kms.			
	(e)No.of private sidings commissioned	No.			
	(f)PFTs commissioned	No.			
(g)Increase in average speed of freight trains	Km/h				
3.	Capacity Utilisation				
	(a)Diesel Loco	Kms			
	(b)Electric Loco Utilisation	Kms			
	(c)NTKms/Wagon day	Kms			
	(d)Wagon Kms/Wagon day	Kms			
	(e)POH Outturn of Coaches	No.of Coaches/month	212 VU	212 VU	212 VU
	(f)POH Outturn of Wagon	No.of wagon/month	125 VU	130 VU	130 VU
	(g) POH Outturn of Diesel Locomotives	No.of Loco /year			
	(h)POH Outturn of Electric Locomotives	No.of Loco /year			
	(i)POH Outturn of MEMU/EMU (BG)	yearly			
	(j)POH Outturn of DEMU	yearly			
	(k)SPART/SPARME(BG)	yearly			
	(l)Progress in track renewal	Kms.			
	(m)(i)Deep screening of turnouts	Nos.			
(ii)Deep screening plain track	Track KMs.				
(n)Maintenance Block for track machine	Block granted in Hrs./track machine/annum				
4	Manpower				
	(a)Increase in training mandays/employee	%	100	101.84	101.84
	(b)Disposal Employee Grievance received	%	-	90%	90%
	(c)Grievance Redressal Efficiency Index	%	-	85%	85%
	(d) Court case finalised in railway favour	%	-	1 case (100%)	1 case (100%)



11. **Status of PSR/TSR** (as per Annexure 'K' enclosed) **--NA--**

**(Annexure 'K')**

a. Removal permanent speed restrictions.

Total no. Of permanent speed restrictions as on April18	Removed in the	Cumulative removals till date

b. Temporary Speed Restriction continuing beyond 30 days **--NA--**

Sl.No.	Division	Location	Speed limit	Imposed since date	Reason for non removal