

**COACHING DEPOT
CHHAPRA**

**NORTH EASTERN RAILWAY
VARANASI DIVISION**

COACHING DEPOT CHHAPRA

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graph TD; A[COACHING DEPOT CHHAPRA] --> B[CPR]; A --> C[BUI]; A --> D[SV]; A --> E[BTT]; A --> F[THE]; B --> B1[➤ Washing Pit]; B --> B2[➤ Train Passing]; B --> B3[➤ Rolling point]; B --> B4[➤ Sick Line]; B --> B5[➤ Mech. Laundry]; B --> B6[➤ SPARME]; B --> B7[➤ CI Train passing]; C --> C1[➤ Washing Pit]; C --> C2[➤ Train Passing]; C --> C3[➤ Rolling point]; D --> D1[➤ Train Passing]; D --> D2[➤ Rolling point]; E --> E1[➤ Train Passing]; E --> E2[➤ Rolling point]; F --> F1[➤ Train Passing]; F --> F2[➤ Rolling point];
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CPR

- Washing Pit
- Train Passing
- Rolling point
- Sick Line
- Mech. Laundry
- SPARME
- CI Train passing

BUI

- Washing Pit
- Train Passing
- Rolling point

SV

- Train Passing
- Rolling point

BTT

- Train Passing
- Rolling point

THE

- Train Passing
- Rolling point

INFRASTRUCTURE AVAILABLE AT COACHING DEPOT CHHAPRA

1. SICK LINE

- Dimension- 155 X 15m (Old Shed – 50 X 15 m, New Shed – 105 X 15 m)
- No of Lines – 02
- No of Dug in each Line - 02
- Wheel Line – 01
- Capacity – 04 Coaches examination in Both line.

2. WASHING PIT

- No. of Washing Pit – 02 (Pit No. 01 commissioning - 2006 , Pit No. 02 commissioning-2018)
- Length – 600m
- Coach Capacity – 26 Coaches for ICF & 25 Coaches for LHB

वाशिंग पिट हाइड्रेंट का विवरण:-			
<i>SL</i>	<i>Washing Pit No.</i>	<i>1</i>	<i>2</i>
01	Length of Pit	600 m , One-side entry	600 m , One-side entry
02	Dia. of hydrant cocks	25 mm	25 mm
03	No. of hydrant cocks	131	87

3. QUICK WATERING SYSTEM

- No of Platform covered – 5
- No of trains nominated for watering- 47
- No of Trains nominated for CTS Work – 22
- Avg. Watering Time / Train - 05 min.

4. WATER RECYCLING PLANT

- Capacity – 250000 Litre per Day
- Input - Waste water from Washing Pit
- Output - Fresh Water for Washing Pit through 50mm Delivery Pipe.

5. TRAIN PASSING

हाइड्रेंट का विवरण						
S.No.	Platform No.	1	2	3	4	5
A	Length of Platform	566 m	706 m	706 m	617 m	617 m
B	Length of Hydrant	566 m	610 m	600 m	600 m	600 m
C	Dia. of Hydrant	150 mm	150 mm	150 mm	150 mm	150 mm
D	No. of Cock	252	186	187	187	180

➤ **6. BIO-CULTURE TESTING LAB**
FOR TESTING THE EFFLUENT RECEIVED FROM BIO TANK OF COACHES.

Bio-Toilet Lab Performance

Updated 15.02.2024

SN	Depot	Month/Year	No of coaches running	No. of sample taken(bio tank)	No. of sample failed (bio tank)	Amount of bacteria top-up in month in Liters
1	CPR	APR-23	280	108	21	1120
2		MAY -23	270	117	21	1300
3		June-23	305	104	16	870
4		July-23	317	102	9	1680
5		Aug-23	309	118	17	1160
6		Sep-23	296	111	17	920
7		Oct-23	309	115	13	1520
8		Nov-23	299	107	05	500
9		Dec-23	229	65	03	00
10		Jan-24	198	62	4	200

STAFF STRENGTH AVAILABLE AT COACHING DEPOT CHHAPRA (JAN-24)

Sl. No.	CATEGORY	B.O.S	ACTUAL	DEVIATION	% DEVIATION
1	Supervisor	27	23	-4	-14.81%
2	Ministerial	4	3	-1	-25%
3	Group C	151	131	-20	-13.24%
4	Group D	42	43	+1	+4.16%
Total		224	200	-24	-10.71%

WORKLOAD OF COACHING DEPOT CHHAPRA

- **Coach Holding – 275***
 - **ICF Coaches – 109***
 - **LHB Coaches – 166***
- **No of Primary Trains – 06 (No. of rakes- 12)**
- **No of Secondary Trains – 01 (No. of rakes -02)**
- **No of RBPC Trains - 17**
- **No of coaches for Pit attention per Day – 73 Coaches**
- **No of Coaches for RBPC per Day- 197 coaches**
- **No of coaches per Day for Watering – 666 coaches**
- **No of Coaches for CTS Work – 199 coaches**
- **Electro pneumatic pressurized flushing system- 165(Cemcon-52,CMT-17,Jantics-08,SPAC-41,IMI-09, Jekon-02, OASIS-07, Cosmic-03, Airmax-01, Veepee-3, Tmc-9, Techno Pneumatic-2, AIRCON-1, N/A-8)**
- **Air Spring- 170 (Resistoflex-45,Avadh rail infra-60,Tayal-50,TMT-05,N/A-10)**

Updated on:- 12.03.2024

MECHANIZED LAUNDRY CPR

1. CAPACITY – 2.0 TON PER SHIFT

2. PRESENT TOTAL LOAD – 3.75 TON PER DAY.

(a) CPR Based Train Load- 3.25 TON/DAY

(b) Running Room- 0.5 TON/DAY

3. TOTAL LOAD AFTER CONVERSION OF 15114 IN LHB-4.6TON/DAY

(a) CPR Based Train Load- 4.10 TON/DAY

(b) Running Room- 0.5 TON/DAY

Linen Supply

❑ Primary train of CPR Depot:-

1. 15159/60 – 1.786 Ton/day (Approx.) (Everyday)
2. 22532/31 – 0.765 Ton/day (Approx.) (Mon, Wed, Fri)
3. 15115/16 – 0.255 Ton/day (Approx.) (Sat)
4. 15113/14 – 0.441 Ton/day (Approx.) (Everyday)

❑ Running room supply (CPR, SV, THE, BUI, BTT, CPR/TTE) –

Average supply – 0.50 Ton/day (Approx.)

PROPOSED/ UNDER PROGRESS AT CPR MECHANIZED LAUNDRY

**B. Machinery to be commissioning
(DG set arrived at ML/CPR on Dt. 13.02.24 and
Industrial washer cum extractor on Dt. 13.02.24)**

S. No	Name of Machine	Qty.	Under M&P program	Account
01	DG set -125 KVA	01	GM Power	Additional
02	Supply, Installation and Commissioning of Industrial Washer cum extractor of 60 kg capacity for Mechanized Laundry at Coaching Depot CPR	01	DRM Power	Replacement

C. Set up of Infrastructural facilities for 02 T/shift Capacity of Mechanized Laundry at Coaching Depot CPR (sanctioned under GM Power, PH-4200)

A. Available Machinery in ML/CPR

SN	Name of Machinery	Qty. (Nos.)	Capacity	Condition	Codal Life (Years)	DOC
01	Washer Cum Extractor	03	60 kg	working	08	01.09.2016
		01				19.03.2020
		01				01.01.2024
02	Calendaring Machine	02	160 bedsheet/hour	Working	08	01.09.2016
		01				19.03.2020
		01		Working	08	07.02.2024
03	Industrial Tumbler drier	02	30 kg	Working	08	01.09.2016
		01	30kg		08	01.01.2024
04	Steam Boiler	02	400 kg steam/hour	Working	08	01.09.2016
		01	600 kg steam/hour	Working	08	19.03.2020
		01			08	01.01.24
06	Blanket Sterilizer	01	50 blanket/cycle	Working	08	19.03.2020
07	Blanket auto clave	01	08 blanket/cycle	Working	08	26.12.2018
08	Air Compressor	02	5 HP	Working	20	01.09.2016
		01	5 HP		20	01.01.2024
09	DG Set	01	40 KVA	Working	15	06.09.2016

Laundry Contract Detail

- ❖ Operation & Main. of Mechanized laundry Chhapra for the period of three years (i.e. 1095 Days):-
 - M/s Bhartiya Securities Services Varanasi Utter Pradesh-221002

- ❖ Outsourcing of ACCA for the period of two years (i.e. 730 Days):-
 - M/s Shree Enterprises, C-511/G, C-Block, Indira Nagar, Lucknow

NEW PROPOSED TRAINS AT CPR

S.No.	Train Name	From –TO	Frequency
1	CPR/CI-NDLS Exp.	CPR/CI-NDLS	Daily
2	CPR-JU Weekly Exp.	CPR-JU	Weekly
3	CI-YPR Weekly Exp.	CI-YPR	Weekly

Assistance Required:-

- ❖ Supervisor & Staff required for maintenance of rake at Washing Pit.
- ❖ OBHS Service.
- ❖ Linen service
 - i. Bedsheet – 26640 Nos.
 - ii. Blanket - 3396 nos.
 - iii. Pillow – 3396 Nos.
 - iv. Pillow cover & Face towel - 13320 Nos.

➤ TRAIN NO 15114/13 AFTER CONVERSION IN LHB CONSISTS 8 AC COACHES(LWACCNE- 4 , LWACCN-3, LWACCW-2) PER DAY

NEW WORK UNDER COACHING DEPOT CHHAPRA

1. AUGMENTATION OF SICK LINE CAPACITY BY (1.5 TIMES) FOR LHB COACH AT COACHING CHHAPRA FOR ALL WEATHER (24X7) WORKING

Sanctioned year = 2020-21 Sanctioned Cost = 149225 Thousand Plan Head = 4200/DRF			
Sl. No	Work to be carried out	Department	Status
1	Repair of floor of sick line	Engineering	Work completed.
2	Construction of 02 Nos. of inspection pit	Engineering	Work completed.
3	Drainage system	Engineering	Work completed.
4	Nitto Flooring work	Engineering	Sick line flooring completed but Nitto flooring not done yet
5	Replacement of Galvanium sheet	Engineering	Work completed.
6	Electrical Light fittings	Electrical	Work Completed.
7	Office Equipment	Mechanical	Completed.

2. UP GRADATION OF SICK LINE AND REPAIR OF SERVICE BUILDING OF COACHING DEPOT CPR

Sanctioned year = 2021-22 Sanctioned Cost = 18896 Thousand Plan Head = 4200/CAP & DRF			
Sl No	Work to be carried out	Department	Status
1	Replacement of old roof sheet by Galvanium sheet	Engineering	Work completed
2	Repair of plaster of service building	Engineering	Work completed.
3	Heavy duty tiles in machine room in RCC flooring and 02 No. foldable shutter	Engineering	Work not done yet.
4	Electrical Light fittings	Electrical	Work completed.
5	Office Equipment, T&P, M&P	Mechanical	Completed.(Except EOT Crane)

3. PROVISION OF HYDRANT AND CHARGING FACILITIES AT THAWE STATION. (PH-4200/DF3)

Sanctioned year = 2021-22 Sanctioned Cost = 24813 Thousand Plan Head = 4200/CAP			
S. No	Work to be carried out	Dept.	Status
1	Provision of watering hydrant pipeline 02 Nos. length 600m diameter 150 mm for PF no. 1&2.	Mechanical	Work completed
2	Provision of drain with drain cover 02 nos.	Engineering	Work completed
3	Inspection light and other equipment under turn round maintenance facilities.	Electrical	PF no.1 only cabling work done

4. THAWE JN. - PROVISION OF TURN ROUND MAINTENANCE FACILITIES

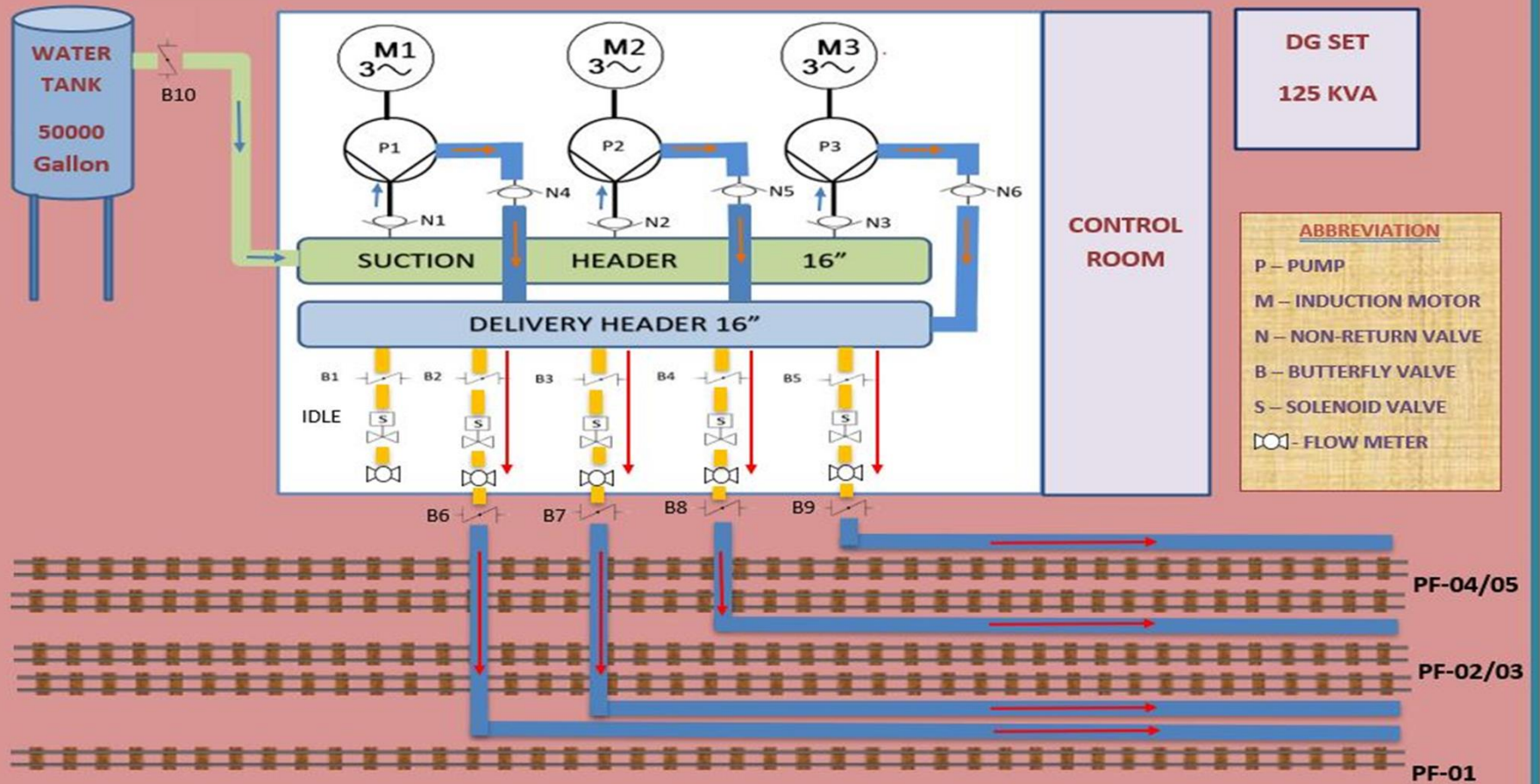
Sanctioned year = 2021-22 Sanctioned Cost = 21124 Thousand Plan Head = 4200/CAP & DRF			
S. No	Work to be carried out	Dept.	Status
1	Provision of watering hydrant having length 600m,Dia 150 mm along the PF no. 3	Mechanical	Work Completed
2	Construction of Rolling Hut at THE Jn. (Qty. 02)	Mechanical	Work Completed
3	Provision of tools and plants, office equipment for train passing (Total sanctioned it857em-37) /	Mechanical	Work Completed
4	Train passing office building (6X5 m) with attached toilet	Engineering	work completed.
5	Provision of drain with drain cover and parallel path way	Engineering	Work completed
6	Inspection light and other equipment under turn round maintenance facilities	Electrical	Inspection Light fitted but not connected with main supply.

Other Sanctioned Works Programme

S.No.	Name of Work	Sanctioned Year	Sanctioned Cost	Plan Head	Work Progress
5	Supply, Installation, testing and commissioning of ACWP on turnkey basis at coaching Depot Chhapra (U)	2019-20	20001	4200 /CAP(EBR)	Work completed and commissioned on 20.08.2023
6	BSB DIV-Supply, Installation and commissioning of 18 nos. All weather friendly rolling in hut as per CAMTECH design for rolling in examination (U)	2021-22	5606	4200/DF-3	Work Completed
7	Provision of New Watering Hydrant at CI, ARJ and Dismantling, repair and re laying of existing Watering Hydrant at MUV, BCY and GCT (U)	2021-22	9716	4200/CAP	Work Completed(CI)
8	Provision of New watering Hydrant at BUI and Dismantling, replacement, repair and re laying of existing watering Hydrant at SV,BTT and PRRB station & painting of Hydrant pipe line along with its accessories of Varanasi Division (U)	2021-22	10593	4200/CAP	Work Completed.
9	Provision of 750 V local power supply for maintenance of HOG complaint rakes in washing/sick line of maintenance Depot at CPR (U)	2022-23	13254	4200/CAP	Commissioned on 05.08.23
10	Augmentation and upgradation of coaching Depot Chhapra based Mechanized Laundry (U)	2022-23	20937	4200/DF-3	Work in progress

LAYOUT OF QUICK WATERING SYSTEM

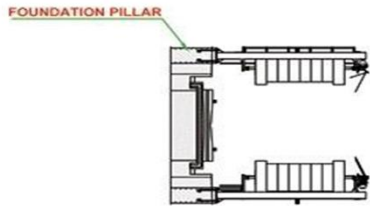
COACHING DEPOT CHHAPRA



AUTOMATIC COACH WASHING PLANT

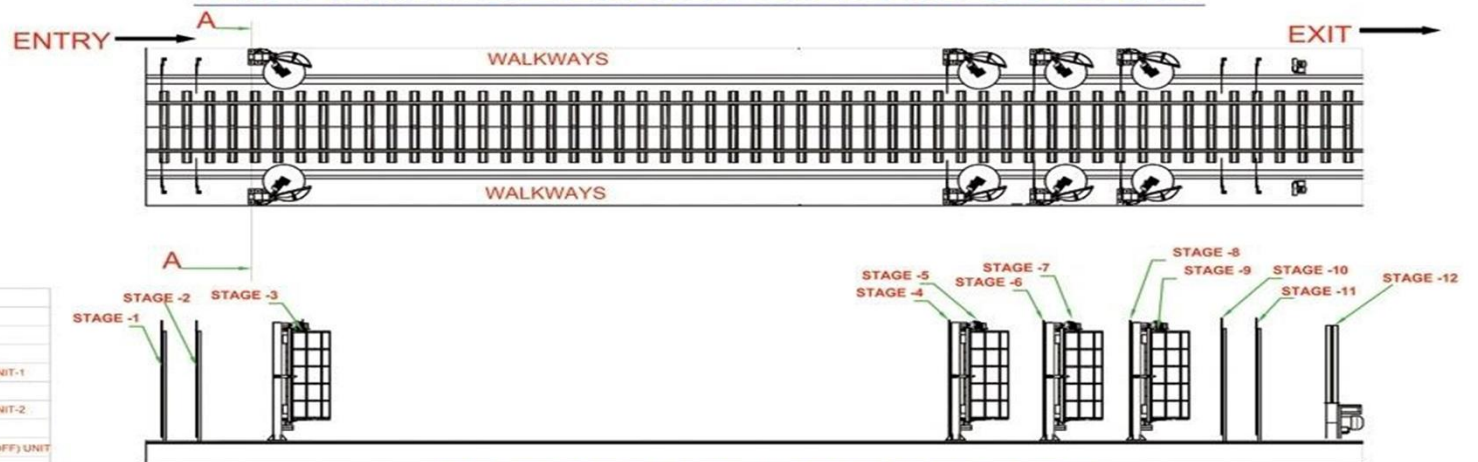
- ☐ Date of commissioning-20.08.2023
- ☐ Capacity to wash coaches-70 to 80 coaches per hour and 350-450 coaches per day.
- ☐ Ability to wash a rake (24 coaches) in just 7-8 minutes.
- ☐ Normal water consumption without ACWP-1500 ltr/coach
- ☐ Water consumption for cleaning with ACWP-300 ltr/coach.
- ☐ Recycled water use-80% (240 ltr).
- ☐ Net fresh water requirement per coach- 60 ltr.
- ☐ Thus reducing water consumption by 96% with ACWP.
- ☐ Practically no man power involved and saving more time as compared to manual cleaning approx 4hr.

AUTOMATIC COACH WASHING PLANT



SECTION A-A

STAGE	DESCRIPTION
1	PRE WASH UNIT
2	DETERGENT UNIT-1
3	BRUSHING UNIT-1
4	DETERGENT UNIT-2/ALKALINE CHEMICAL UNIT-1
5	BRUSHING UNIT-2
6	DETERGENT UNIT-3/ALKALINE CHEMICAL UNIT-2
7	BRUSHING UNIT-3
8	SOAKING UNIT-1/WATER SPRAYING(WASH OFF) UNIT
9	BRUSHING UNIT-4
10	SOFT WATER UNIT/HIGH PRESSURE UNIT-1
11	RO WATER UNIT/RINSING WITH RO WATER
12	DRIER UNIT (WATER STREAK REMOVAL)



WATER FLOW CHART

SICKLINE
COACHING DEPOT CHHAPRA

COACHING DEPOT CHHAPRA

Sick Line Performance

Analysis of non sch. repair & IOH repair month of Feb-23to Feb-24

[illegible]

Electrical DX														
Analysis of non sch. Electrical repair month of Feb-23 to Feb-24														
S.No	DX	Feb-23	Mar-23	Apr-23	May-23	June-23	July - 23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
1	V- belt	1	2	1	0	0	1	1	2	0	0	0	0	0
2	Alternator	0	1	0	0	0	0	0	0	1	1	0	0	0
3	Battery Defective	0	0	0	0	0	0	0	3	0	0	0	0	0
4	Inverter	0	0	0	2	0	0	0	1	0	0	0	0	0
5	Miss.	2	4	10	5	6	3	3	9	5	6	1	3	4
6	Cooling	0	0	0	0	1	1	1	2	2	1	0	0	0
7	Compressor	0	0	1	3	2	1	1	2	0	0	1	0	0
	Total	3	0	12	10	9	6	6	19	8	8	2	3	4
POH sending from the month of Feb-23 to feb-24														
Month		Feb-23	Mar-23	Apr-23	May-23	June-23	July - 23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
No of Coaches		4	8	0	3	14	21	14	9	4	4	5	6	5
POH Incoming from the month of Feb-23 to feb-24														
Month		Feb-23	Mar-23	APR-23	MAY-23	June-23	July-23	Aug-23	Sept-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
No of Coaches		4	8	0	10	12	1	13	8	18	7	3	13	8

INEFFECTIVE PERCENTAGE FROM FY 2016-17 TO 2023-24

PERIOD	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
APR	0.8	0.1	0.1	0.25	-	0.7	0.11	0.33
MAY	0.5	0.2	0.2	0.4	0.03	0.67	0.005	0.15
JUN	0.6	0.6	0.001	0.35	0.21	0.12	0.31	0.14
JULY	0.1	0.04	0.02	0.42	0.006	0.005	0.15	0.02
AUG	0.3	0.2	0.02	0.34	0	0.43	0.29	0.08
SEP	0.7	0.2	0.15	0.04	0.46	0.25	0.25	0.03
OCT	0.08	0.2	0.3	2.26	0.26	0.07	0.37	0.09
NOV	0.06	1.4	0.39	1.55	0.5	0.005	0.33	0.35
DEC	0.11	0.9	0.34	0.36	0.44	0.01	0.08	0.1
JAN	0.2	1.7	0.04	1.95	0.42	0.16	0.09	0
FEB	0.2	0.04	0.006	0.07	0.48	0.08	0.1	0.06
MAR	0.4	0.06	0.01	0.5	0.73	0.04	0.28	-
AVG.	0.34	0.47	0.13	0.71	0.32	0.22	0.20	0.12

DETAILS OF 100 DAYS FAILURE COACHES

S NO	COACH NO	TYPE	RLY	P/DT	R/DT	Rec. Dt.	Failure Dt.	CAUSED OF FAILURE	DETACHED AT TRAIN No
September-21									
1	171663/C	ACCN	NE	GKPS 22.06.21	1.23	28.06.21	24.09.21	CURVE PUL ROD TOUCH AXLE NO 01	05118
2	093225/C	GS	NE	GKPS 22.06.21	1.23	28.06.21	10.09.21	WHEEL NO 05/07 AXLE BOX CANTED	05116
3	161025/C	CN	NE	GKPS 17.07.21	2.23	19.07.21	19.09.21	WHEEL NO 05/07,6/8 AXLE BOX CANTED	05118
4	174248/C	GS	NE	GKPS 16.06.21	1.23	19.06.21	03.09.21	WHEEL NO 01/02 FLANGE TOUCHING BRAKEHEAD	05116
October-21									
1	050437/C	GS	NE	GKPS 28.08.21	4.23	30.08.21	12.10.21	WHEEL NO 01/02 AXLE BOX CANTED	05118
2	041004/C	GS	NE	GKPS 19.07.21	2.23	21.07.21	12.10.21	BOLESTER SPRING NO 06 BROKEN	05118
February-22									
1	080498/C	GS	NE	GKPS 05.02.22	9.23	07.02.22	08.02.22	BRAKE HEAD IS TOUCHING WITH INSIDE FLANGE OF WHEEL	During Proper Examination
2	054339/C	CN	NE	GKPS 07.01.22	8.23	09.01.22	12.02.22	AXLE BOX No-6/8 CANTED	05113
1	061227/C	ACCN	NE	GKPS 30.04.22	12.23	05.05.22	08.05.22	FLUSHING SYSTUM, LAB LATCH CATCH NOT PROPERLY FIXED & FIRE DETECTION SYSTUM NOT WORKING	During Proper Examination
June-22									
1	221822/C	LWACCW	NE	MCF 04.22	5.25	31.05.22	01.06.22	WSP NOT WORKING	During Proper Examination
2	191353/C	LWSCN	NE	GKPS 02.06.22	7.25	06.06.22	07.06.22	PRESSURIZED FLUSHING SYSTEM NOT WORKING	During Proper Examination
3	184687/C	SLRD	NE	GKPS 05.05.22	12.23	08.05.22	12.06.22	DV NOT WORKING	15106
July-22									
1	183392/C	LWFACCW	NE	GKPS 20.04.22	5.25	25.04.22	06.07.22	WATER LEAKAGE ON POWER PANNEL	15160
Aug -22									
1	183468/C	LWFACCW	NE	GKPS 10.08.22	9.25	13.08.22	16.08.22	WATER LEAKAGE FROM RMPU	SL
2	064512/C	GS	NE	GKPS 24.06.22	1.24	26.06.22	19.08.22	WHEEL FLANGE RUBBING WITH UNDER FRAME SUPPORTING FRAME CHANNEL	22532
SEP-22									
1	225410/C	LWSCN	NE	ICF 6.22	6.25	13.06.22	16.09.22	PRIMARY OUTER SPRING BROKEN	15160
Oct 22 to feb 24 –NIL(except Mar-23 listed just below).									
1	040213/C	CN	NE	GKPS 11.03.23	10.24	13.03.23	29.03.23	DV ISOLATING HANDLE TOUCHES WITH AIR TANK DURING ISOLATION	SL

WHEEL SHELLING DATA (Jan-23 TO feb-24)

MONTH	YEAR	AVERAGE LHB HOLDING PER MONTH	COACH DAMAGED FOR WHEEL SHELLING/OTHER WHEEL DEFECT	NO. OF WHEEL HAVING DEFECT	PERCENTAGE(Coach Detachment)
JAN-23	2023	154	3	6	1.94
FEB-23	2023	147	2	5	1.36
MAR-23	2023	165	5	15	3.03
APR-23	2023	146	1	8	0.6
MAY-23	2023	147	3	9	2.04
June-23	2023	175	5	18	2.85
July-23	2023	170	5	13	2.94
Aug-23	2023	168	3	8	1.78
Sept-23	2023	168	3	12	1.78
Oct-23	2023	172	4	16	2.32
Nov-23	2023	172	7	25	4.06
Dec-23	2023	105	1	4	0.95
Jan-24	2024	160	0	0	0
Feb-24	2024	154	0	0	0

Spring Failures Position For LHB coaches																	
S.L	RLY	Division/ Depot	Train no.	Coach no.	Coach code	RLY	P-DATE	R/DT	SS1 Date	Place of Failure (Enroute/D epot/ Workshop)	Make of spring	Primary/ Secondary	Inner/ outer	Seconadry suspension (coil spg/Air spg)	Date of Failure (in MM/YYYY Format)	Date of manufact. (in MM/YYYY Format)	Location of failure (Between bottom coil - 1st active coil or otherwise)
August-23																	
1	NE	BSB/CPR	15102	184697/C	LWS	NE	GKPS 28.06.22	8.25	-	DEPOT	CMSTL	PRIMERY	INNER	AIR SPRING	01.08.23	8.21	1ST COIL FROM BOTTOM
2	NE	BSB/CPR	15160	223862/C	LWACCN	NE	MCF 8.22	9.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	07.08.23	6.22	1ST COIL FROM BOTTOM
3	NE	BSB/CPR	15160	224234/C	LWACCN	NE	MCF 09.22	10.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	22.08.23	1.22	1ST COIL FROM BOTTOM & 1ST COIL FROM TOP
4	NE	BSB/CPR	15160	224234/C	LWACCN	NE	MCF 09.22	10.25	-	DEPOT	CMAFJ	PRIMARY	INNER	AIR SPRING	30.08.23	1.22	1ST COIL FROM TOP
5	NE	BSB/CPR	15160	224234/C	LWACCN	NE	MCF 09.22	10.25	-	DEPOT	CMSTL	PRIMARY	OUTER	AIR SPRING	30.08.23	5.22	2nd Coil From Top
September-23																	
1	NE	BSB/CPR	15160	223862/C	LWACCN	NE	MCF 08.22	9.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	05.09.23	6.22	1ST COIL FROM BOTTOM
2	NE	BSB/CPR	15160	223875/C	LWACCN	NE	MCF 08.22	10.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	08.09.23	9.21	
3	NE	BSB/CPR	15160	235429/C	LWSCN	NE	MCF 06.23	6.26	-	DEPOT	CMAFJ	PRIMARY	INNER	COIL SPRING	08.09.23	6.22	1ST COIL FROM BOTTOM
4	NE	BSB/CPR	15160	223869/c	LWACCN	NE	MCF 08.22	10.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	24.09.23	1.22	1STand 2nd coil fromTop
5	NE	BSB/CPR	15160	223869/c	LWACCN	NE	MCF 08.23	10.25	-	DEPOT	CMAFJ	PRIMARY	INNER	AIR SPRING	24.09.24	1.22	1STand 2nd coil fromTop
6	NE	BSB/CPR	15160	224234/C	LWACCN	NE	MCF-09.22	10.25	-	DEPOT	CMFSK	PRIMARY	INNER	AIR SPRING	26.09.23	12.21	1ST COIL FROM TOP
October-23																	
1	NE	BSB/CPR	22532	111140/C	LWACCN	WR	LPLW 05.04.21	4.24	15.11.22	DEPOT	CMGBD	PRIMARY	INNER	COIL SPRING	10.10.23	5.17	2ND COIL FROM BOTTOM
2	NE	BSB/CPR	22532	231051/C	LWACCN	NE	MCF 01.23	3.26	-	DEPOT	CMSTL	PRIMARY	INNER	AIR SPRING	12.10.23	9.22	2ND COIL FROM BOTTOM
November-23																	
1	NE	BSB/CPR	15160	224677/C	LWLRRM	NE	MCF 10.22	12.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	13.11.23	1.22	1ST COIL FROM TOP
2	NE	BSB/CPR	15160	223864/C	LWACCN	NE	MCF-09.22	9.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	15.11.23	3.22	2nd coil from bottom
3	NE	BSB/CPR	15160	223864/C	LWACCN	NE	MCF-09.22	9.25	-	DEPOT	CMAFJ	PRIMARY	Inner	AIR SPRING	15.11.23	2.22	1ST COIL FROM TOP
4	NE	BSB/CPR	SL	205393/C	LWACCN	NE	RCF-04.21	4.24	-	DEPOT	CMAFJ	PRIMARY	Inner	AIR SPRING	05.11.23	5.19	4th coil from top
5	NE	BSB/CPR	15160	111140/C	LWACCN	WR	LPLW-05.04.21	4.24	-	DEPOT	CMAFJ	PRIMARY	INNER	AIR SPRING	19.11.23	10.22	3rd coil from top
6	NE	BSB/CPR	15160	224234/C	LWACCN	NE	MCF-09.22	10.25	-	DEPOT	CMAFJ	PRIMARY	INNER	AIR SPRING	28.11.23	1.22	1ST COIL FROM TOP
December-23																	
1	NE	BSB/CPR	15160	223864/C	LWACCN	NE	MCF 8.22	9.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	28.11.23	11.23	2nd COIL FROM TOP
January-24																	
1	NE	BSB/CPR	15160	224232/C	LWACCN	NE	MCF 9.22	10.25	-	DEPOT	CMFSK	PRIMARY	OUTER	AIR SPRING	20.01.24	5.22	2nd COIL FROM TOP
2	NE	BSB/CPR	SL	213313/C	LWACCN	NE	MCF 10.21	1.25	-	DEPOT	CMAFJ	PRIMARY	OUTER	AIR SPRING	27.01.24	7.21	2nd coil from bottom
3	NE	BSB/CPR	15160	224232/C	LWACCN	NE	MCF 9.22	10.25	-	DEPOT	CMFSK	PRIMARY	INNER	AIR SPRING	30.01.24	5.22	1ST COIL FROM TOP
4	NE	BSB/CPR	15160	224321/C	LWACCN	NE	MCF 10.21	10.25	-	DEPOT	CMSTL	PRIMARY	OUTER	COIL SPRING	28.01.24	10.22	2nd coil from bottom
February-24																	
1	NE	BSB/CPR	SL	236473/C	LWS	NE	MCF 1.24	2.27	-	DEPOT	CMSTL	PRIMARY	OUTER	AIR SPRING	06.02.24	11.23	2nd coil from bottom
2	NE	BSB/CPR	15084	223974/C	LWACCN	NE	MCF 9.22	10.25	-	DEPOT	CMSTL	PRIMARY	OUTER	AIR SPRING	04.02.24	7.23	2nd coil from bottom
3	NE	BSB/CPR	22532	231050/C	LWACCN	NE	MCF 1.23	1.23	-	DEPOT	CMSTL	PRIMARY	INNER	AIR SPRING	27.02.24	5.22	1st coil from bottom

OMRS Alert (FEB-24)

SN	Coach No.	Coach type	No. of alert	Date of alert		Defect found	Action taken	Location	Last Attention	Previous History
1	231051/C	LWACCN	4	23.01.2024	286KN/3.4	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60	Nil	Primary inner spring changed on 01.09.2023
				27.01.2024	252KN/3.1					
				01.02.2024	4					
				06.02.2024	318KN/4.8	---	Coach was detached from rake of 22532	YARD/CPR		
2	224313/C	LWACCW	3	23.01.24	260KN/5.9	---	Coach was detached from rake of 15160	15159/60		
				27.01.2024	255KN/3.4 & 264KN/2.1	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60		
				03.02.2024	352KN/4.4	---	Coach was detached from rake of 15160	22531/32		
3	224633/C	LWACCN	2	15.01.24	258KN/3.2	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60	Nil	Nil
				06.02.2024	250KN/4.4					
4	227505/C	LWS	1	07.02.2024	4.5	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15101/02	Nil	Nil
5	231116/C	LWACCN	4	11.01.24	251KN/206	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60	Nil	Nil
				20.01.24	278KN/2.5					
				25.01.24	257KN/3.1					
				10.02.24	250KN/2.5					
6	211912/C	LWACCN	5	14.01.24	226KN/4.3	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60	Nil	Primary outer and inner spring changed on 23.11.2023
				21.01.24	259KN/2.6					
				27.01.2024	256KN & 254KN/4.8					
				30.01.2024	256KN					
				10.02.2024	5.3					
7	231050/C	LWACCN	1	10.02.2024	277.9KN	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.			
8	223974/C	LWACCN	1	10.02.2024	328.2KN/3.5 & 274 KN/4.4	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60		

OMRS Alert (JAN-24)								
SN	Coach No.	Coach type	No. of alert	Date of alert		Defect found	Action taken	Location
1	231010/C	LWACCN	1	04.01.24	190 KN/4.5	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
2	231116/C	LWACCN	3	11.01.24	251KN/206	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
				20.01.24	278KN/2.5	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
				25.01.24	257KN/3.1	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
3	223866/C	LWACCN	1	14.01.24	263KN/3.9	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
4	225386/C	LWSCN	1	14.01.24	275KN/3.4	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
5	211912/C	LWACCN	2	14.01.24	226KN/4.3	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
				21.01.24	259KN/2.6	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
6	224633/C	LWACCN	1	15.01.24	258KN/3.2	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
7	143366/C	LWSCN	1	20.01.24	205KN/4.4	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
8	224313/C	LWACCW	1	23.01.24	260KN/5.9	High OMRS alert	Coach was detached from rake of 15160	15159/60
9	231051/C	LWACCN	1	23.01.24	286KN/3.4	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
10	224232/C	LWACCN	1	23.01.24	252KN/3.5	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60
11	226520/C	LWSCN	1	23.01.24	215KN/4.0	Coach was checked and found all parameters are in under permissible limit.	Coach was allowed to run.	15159/60

Coach running and spare availability Updated 12.03.24

S.No.	Type of coaches	Total Holding	Running	Spare coaches
LHB				
1	LWACCN	48	40	08
2	LWLRRM	8	6	02
3	LWACCW	11	10	01
4	LWSCN	42	30	12
5	LWACCNEAA	7	0	07
6	LSLRD	07	06	01
7	LWS	37	32	05
ICF				
1	GSLRD	13	12	01
2	WGACCN	08	04	02
3	WGACCW	04	02	02
4	WGSCN	17	17	00
5	WGS	65	54	11

WASHING PIT
COACHING DEPOT CHHAPRA

PIT LIGHT ILLUMINATION STATUS

Pit No.	Working LED Light Fitting on Pit on dt.07.03.24											
	Under Pit/Dug Light				Catwalk				Portal Light			
	Total Fitting	Working	Defective	Missing	Total Fitting	Working	Defective	Missing	Total Fitting	Working	Defective	Missing
1	260	236	10	14	230	210	10	10	58	58	00	00
2	250	228	07	15	243	220	10	13				

Washing pit-1 LUX LEVEL

- Under pit/Dug Light – 105
- Catwalk – 103

Washing pit-2 LUX LEVEL

- Under pit/Dug Lite – 104
- Catwalk – 104

Portal Light

- Lux Level- 112

Primary Trains

SL NO.	Train No.	Load	No. of Rake	Rake Type	AC Coaches composition	NON AC Coaches composition	Days of maintenance	Days of Run	FROM-TO	Round trip (in km)	Total time taken for Round trip (in Hours)
1	15159/60	22	3	LHB	LWFCWAC- 01, LWACCW-02, LWACCN-08	LWCSN-05, LWS-03, LWLRRM-01,LSRD-1	Daily	Daily	CPR-DURG	2172	49.08
2	22531/32	22	1	LHB	LWFCWAC- 01, LWACCW-02, LWACCN-08	LWCSN-05, LWS-03, LWLRRM-01,LSRD-1	Sun,tue,thurs	Mon, wed ,Friday	CPR-MTJ	1766	33.41
3	15115/16	22	1	LHB	LWFCWAC- 01, LWACCW-02, LWACCN-08	LWCSN-05, LWS-03, LWLRRM-01,LSRD-1	Fri	Sat	CPR-DLI	1994	47.25
4	15113/14	23	2	ICF	ACCW 01,ACCN-02	SCN-07, GS-11, SLR-02	Wed, Thur, Sat, Sun	Daily	CI-GTNR	1008	22.75
5	15111/12	15	4	ICF	-	GS-13, SLR-02	Daily	Daily	CPR-BCY	1543	40.35
6	15101/02	22	1	LHB	-	LWS-20, LWLRRM-02	Tue	Tue	CPR-LTT	4080	75.08

Secondary Trains

1	12669/70	22	2	LHB	LWFCWAC-01,LWACCW-03,LWACCN-02, LWCB-1	LWSCN-11,LWS-02,LSLRD-01, LWLRRM-01	Mon, Wed	Mon, Wed	CPR-MAS	2338	76
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TRAIN PASSING
COACHING DEPOT CHHAPRA

RBPC TRAIN LIST													
S.No.	Train No.	Train Name	Load	No. of Rake	Rake Type	AC Coaches with Type	NON AC Coaches with type		Days of Run	FROM -TO	ARR	DEP	197 coaches/day (updated on 07.02.2024)
1	15054/83	Utsarg Exp.	21	2	LHB	ACCW-02, ACCN-08	SCN-07,LWS-03,LWLLRM-01,LSLRD-01	-----	DAILY	CPR-FBD	08:35	18:00	
2	19045/46	Tapti Ganga Exp.	22	4	LHB	ACCW-01,ACCN-05	SCN-10,LWS-03,LSLRD-01,CBAC-01,LWLRRM-01	-----	Tues,Wed,Fri,Sat, Sun	CPR-ST	18:35	09:00	
3	09065/66	Chhapra Clone Special	22	1	LHB	LWACCN-12	LWCSN-08,LWLRM-01,LSRD-01	-----	Wed	CPR-ST	14:30	08:30	
4	11059/60	Mumbai LTT Express	22	2	LHB	LWACCW-01, LWACCN-06	LWCSN-10, LWS-03, LWLRRM-01,LSRD-01	-----	Mon,Thur, Sat	CPR-LTT	21:05	05:45	
5	15113/14	Chhapra kachhri Exp.	23	2	ICF	ACCW-01,ACCN-02	SCN-09, GS-09, SLR-02	MON,TUE ,FRI	DAILY	CI-GTNR	08:40	06:35	
6	15112/05	Nautanwa intercity Exp.	15	2	ICF	-	GS-13, SLR-02	Mon	Except SUN	CPR-NTV		10:75	
7	15084/53	Chhapra Exp.	21	1	LHB	ACCW-02, ACCN-08	SCN-07,LWS-03,LWLLRM-01,LSLRD-01	-----	DAILY	CPR TO LJN	11:20	19:35	
8	05136/45	Chhapra-Siwan DEMU	10	1	DEMU	-	DPC-02, GS-08	-----	Daily	CPR TO SV	-	06:15	
9	05156/55	Chhapra Exp. Spl	10	1	ICF	-	SLR-02, GS-09	-----	Daily	CPR TO GKP	-	16:45	
10	05146/35	Aunrihar-Chhapra DEMU	10	1	DEMU	-	DPC-02, GS-08	-----	Daily	CPR TO ARJ	-	07:55	
11	05164/22	Thawe Exp. Spl	10	1	ICF		GS-08, SLR-01	-----	Daily	CI TO THE			
12	05123/63	Thawe Exp. Spl	10	1	ICF	-	GS-08, SLR-02	-----	Daily	CI TO THE	-	05:00	
13	05443/05124	Thawe Exp. Spl	10	1	ICF	-	GS-08, SLR-03	-----	Daily	CPRT TO THE	-	14:10	
14	05248/47	CPR-SEE MEMU	10	1	DEMU	-	DPC-02, GS-08	-----	Daily	CPR TO SEE	-	09:25	
15	05444/05443	Mau Exp Spl	10	1	ICF	-	GS-08, SLR-02	-----	Daily	CPR TO MAU	-	16:00	
16	05446/45	Varanasi city Exp.	10	1	ICF	-	GS-08, SLR-03	-----	Daily	CPR TO BCY	-	16:10	
17	05245/46	CPR-SEE MEMU	10	1	DEMU	-	DPC-02, GS-08	-----	Daily	CPR TO SEE	-	17:50	

CTS TRAINS LIST ATTEND AT CPR

<i>SHIFT</i>	<i>SN.</i>	<i>TRAIN NO.</i>	<i>TRAIN NAME</i>	<i>LOAD</i>	<i>ARR.</i>	<i>DEP.</i>	<i>HALT IN MIN.</i>	<i>DAYS OF RUN</i>	<i>FROM</i>	<i>TO</i>	<i>Train covered OBHS YES/NO</i>
06:00 to 14:00	1	11123	Gwalior Mail	21	6:30	6:40	10	Daily	GWL	BJU	YES
	2	13121	Shabd Bhedi EXP	18	7:30	7:40	10	Mon	KOAA	GCT	YES
	3	14015	Sadbhawna Exp.	20	6:30	6:40	10	TUE ,SUN	RXL	ANVT	NIL
	4	14005	Lichhavi Exp.	24	8:10	8:20	10	Daily	SMI	ANVT	YES
	5	19166	Sabarmati EXP.	21	9:40	9:50	10	Mon, Wed & Sat	DBG	ADI	YES
	6	15708	Amrapali EXP.	20	12:05	12:15	10	Daily	ASR	KIR	
	7	12562	Swat.Senani Exp.	22	12:45	12:55	10	Daily	NDLS	JYG	YES
	8	19165	Sabarmati EXP.	21	13:15	13:25	10	Fri,Sun,Tue	ADI	DBG	YES
	9	14006	Lichhavi Exp.	24	13:25	13:35	10	Daily	ANVT	SMI	YES
14:00 to 22:00	10	14649	Saryu Yamuna EXP.	22	14:25	14:35	10	Tue,Fri, Sun	JYG	ASR	YES
	11	14018	Sadbhawna Exp.	20	14:45	15:00	15	Thu	ANVT	RXL	NIL
	12	15716	Garib Nawaj EXP	15	16:05	16:15	10	Tue, Wed,Fri	ALL	KNE	
	13	14650	Saryu Yamuna EXP.	22	16:40	16:50	10	Tue, Thu,Sun	ASR	JYG	YES
	14	14674	Shahid EXP.	22	16:40	16:50	10	Mon, Wed,Fri,& Sat	ASR	JYG	YES
	15	15715	Garib Nawaj EXP	15	17:05	17:15	10	Tue fri sun	KNE	ALL	
	16	15933	DBRG-ASR EXP.	22	17:05	17:15	10	Wed.	DBRG	ASR	-
	17	15279	Poorabiya EXP.	22	18:45	18:55	10	SUN	SHC	ANVT	
	18	11062	Pawan EXP.	22	20:05	20:15	10	Daily	DBG	LTT	YES
	19	11061	Pawan EXP.	22	17:50	18:00	10	Daily	LTT	DBG	YES
	20	15934	DBRG-ASR EXP.	22	20:10	20:20	10	Sat	ASR	DBRG	-
Not in Agt.	1	14651	HUMSAFAR EXP	18	11:10	11:25	15	TUE,FRI,SUN	JYG	ASR	-
	2	14652	HUMSAFAR EXP	18	12:25	12:40	15	THU,SAT,MON	ASR	JYG	-

Watering Trains attended at CPR Jn.

SHIFT	SN.	TRAIN NO.	TRAIN NAME	LOAD	ARR.	DEP.	HALT IN MIN.	DAYS OF RUN	FROM	TO
22:00 to 06:00	1	12561	Swatantra senani Exp	22	0:40	0:50	10	Daily	JYG	NDLS
	2	15098	Amarnath Exp.	22	0:45	0:55	10	wed.	JAT	BGP
	3	13508	ASN-GKP EXP	17	0:40	0:50	10	Sat	GKP	ASN
	4	11124	Gwalior Mail	21	0:10	0:20	10	Daily	BJU	GWL
	5	15652	Lohit Exp	24	0:40	0:50	10	Thurs	JAT	GHY
	6	13510	ASN-GD EXP	17	1:55	2:00	5	Thurs	GD	ASN
	7	13137	KOAA-AZM	15	2:00	2:10	10	Tue	KOAA	AZM
	8	13507	ASN-GKP EXP	17	2:15	2:25	10	Sat	ASN	GKP
	9	13509	ASN-GD EXP	17	2:15	2:25	10	Wed	ASN	GD
	10	15049	Purvanchal Exp.	22	2:40	2:50	10	Mon, Thurs.	KOAA	GKP
	11	15047	Purvanchal Exp.	22	3:55	4:05	10	Tue, Wed,Fri,& Sun	GKP	KOAA
	12	15910	Awadh Assam Exp.	22	3:50	4:00	10	Daily	LGH	DBRG
	13	12566	Bihar Sam.Kranti Exp.	22	4:18	4:23	5	Daily	NDLS	DBG
06:00 to 14:00	14	14007	Sadbhawna Exp.	23	6:30	6:40	10	Wed,Fri	RXL	ANVT
	15	14017	Sadbhawna Exp.	23	6:30	6:40	10	fri	RXL	ANVT
	16	15708	Amarpali EXP.	20	8:40	8:50	10	Daily	KIR	ASR
	17	15097	Amarnath Exp.	22	9:35	9:50	15	Fri	BGP	JAT
	18	15651	Lohit Exp	24	9:40	9:50	10	Tue	GHY	JAT
	19	05242	Passenger	10	9:45	9:50	10	DAILY	PCDR	SEE
	20	14533	Harihar nath Exp	17	10:15	10:25	10	Mon,Thu	BJU	UMB
	21	15028	Maurya Exp.	23	11:20	11:30	10	Daily	GKP	HTE
	22	13138	Azamgarh kolkata Exp.	16	11:35	11:40	5	Tue	ANH	KOAA

Watering Trains attended at CPR Jn.

<i>SHIFT</i>	<i>SN.</i>	<i>TRAIN NO.</i>	<i>TRAIN NAME</i>	<i>LOAD</i>	<i>ARR.</i>	<i>DEP.</i>	<i>HALT IN MIN.</i>	<i>DAYS OF RUN</i>	<i>FROM</i>	<i>TO</i>
06:00 to 14:00	23	15027	Maurya Exp.	23	11:40	11:50	10	Daily	HTE	GKP
	24	15280	Poorabiya EXP.	22	11:50	12:00	10	TUE	ANVT	SHC
	25	12565	Bihar Sam.Kranti Exp.	22	12:45	12:50	5	Daily	DBG	NDLS
	26	13019	Bagh Exp.	18	13:05	13:15	10	Daily	HWH	KGM
	27	14008	Sadbhawna Exp.	23	13:53	14:08	15	Tue,thu	ANVT	RXL
14:00 to 22:00	28	14016	Sadbhawna Exp.	23	14:10	14:25	15	Fri,& Sun	ANVT	RXL
	29	15231	Gondia Exp	16	14:50	15:00	10	Daily	BJU	G
	30	14673	Shahid EXP.	22	14:25	14:40	15	Mon, Wed,Thu,& Sat	JYG	ASR
	31	15048	Purvanchal Exp.	22	14:40	14:50	10	Mon, Tue,Fri ,& Sat	GKP	KOAA
	32	15050	Purvanchal Exp.	22	14:55	15:10	15	Wed,Sat	GKP	KOAA
	33	13020	Bagh Exp.	18	17:20	17:30	10	Daily	KGM	HWH
	34	05241	Passenger	10	19:14	19:19	5	Daily	SEE	PCDR
	35	15909	Awadh Assam Exp.	22	19:35	19:45	10	Daily	DBRG	LGH
	36	14534	Harihar nath Exp	17	20:34	20:44	10	Wed,Sun	UMB	BJU

RDSO Guidelines and Modifications

Status Sheet for Modifications/Instructions for Zonal Railways - BSB Division									
(a) List of Modifications									
S. N.	Modification	Ref. Letter	Depot	No. of coaches where this modification is to be done	No. of coaches modified upto previous month 02/24)	No. of coaches modified this month (02/24)	Cumulative No. of coaches modified	Target for balance coaches	Month wise action plan to achieve target (Details of tender finalized, order placed etc should be indicated)
Air Spring									
1	FIBA modification as per RCF CAI No. CAI/RCF/MECH/LHB/O24 Rev.O1 & CAI/RCF/MECH/LH8/034 Rev.00 & ICF CAI No B-2021/02 Rev-01.	RDSO Letter No. SV.AS.FIBA dated 17.03.2021, 04.02.2022 & 16.08.2022.	CPR	127	110	1	111	16	It is being done by GKPS & Tender is available in BSB Division for 225 coaches. Work through this tender is in progress.
2	SAE 100 R3 type hose pipes in place of SAE 100 RI AT (less flexible) to be used.	RDSO Letter No. SV.AS.FIBA dated 16.08.2022.	CPR	127	127	0	127	0	
3	Provision of additional dirt collector in BP pipe line before FIBA device in all LHB coaches as per RCF CAI No. CAI/RCF/MECH/LHB/040 Rev-00.	RCF/KXH letter no. MD46131 Dated 04.10.2022	CPR	127	0	0	0	127	It is being done by GKPS & Revised estimate of tender for the fitment of additional dirt collector in BSB division is under vetting.
4	Modification of installation lever assembly.	RDSO letter No. SV.AS.FIBA Dated. 20.02.2023 or latest	CPR	127	127	0	127	0	All completed
CBC									
5	Modification in AAR-H type head tight lock CBC Escorts make	RDSO Letter No. MC/BLB/CBC dated 07.07.2021	CPR	97	97	0	97	0	All completed
Wheel Shelling									
6	Consolidated instructions regarding modifications for addressing the problem of Wheel Shelling in LHB Coaches		RDSO letter no. MC/LHB/Brake dated 15.04.2019.						
A	Modification of Choke size of Dump valves of WSP system in LHB coaches	KBIL- Replace existing 5mm choke with 9 mm choke FTIL- Replace existing 6mm choke with 9mm choke	CPR	172	172	0	172	0	All completed
B	Modification in Air brake pipe line & associated fittings in LHB coaches.	RDSO letter no. MC/LHB/Brake dated 24.06.2019	CPR	172	172	0	172	0	All completed
C	Revised wiring scheme for WSP System of LHB Coaches	IP67 grade junction boxes as per RDSO Drawing (CG-19005) alt 1 The Number of junction boxes reduced to four from six, to therefore only one junction box has all the connections (i.e Dump valve, speed sensors, power panel) Mil- Grade type connectors Revised wiring layout for WSP system to be as per RDSO drawing no (CG-18246 alt 0) the above layouts and drawings are standardized across all types of LHB Coaches.	CPR	172	133	0	133	39	To be done by GKPS
D	Ensuring integrity of electrical connection of WSP system and free movement of callipers	RDSO letter no. MC/LHB/Brake dated 27.09.2018	CPR	172	172	0	172	0	completed
E	Modification in Self lubricating Bushes for Brake callipers	RDSO letter no. MC/LHB/Brake dated 06.09.2018	CPR	172	164	0	164	0	08 Faiveley make needs to be changed
F	Modification in Brake cylinder Pressure	RDSO letter no. MC/LHB/Brake dated 20.04.2018	CPR	172	172	0	172	0	completed

Provision of Dog box									
7	Provision of dog box in LWLRRM	RB Letter No. 2007/M(C)/137/1 6 Power car-1, dated 25.01.2023.	CPR	8	8	0	8	0	All completed
Fire Safety									
8	Provision of Aspiration type smoke detectors in lavatory area in AC Coaches.	RDSO letter no. MC/ACF/Fire Detection/AC dt 22.07.2021	CPR	78	78	0	78	0	All completed
9	Provision of Fire detection and suppression system in Power Cars	RDSO letter no. MC/ACF/Fire Suppression/ PC dtd 08.02.2023	CPR	8	8	0	8	0	To be done by GKPS. 02 Coaches have manual system
10	Provision of Fire detection and suppression system in Pantry Cars		CPR	0	0	0	0	0	Pantry Car is not available in BSB Division
11	Provision of fire & smoke detection system in AC Coaches	RDSO spec No. RDSO/2008/CG-04(rEV OS) Dated Aug 2019 or latest.	CPR	85	78	0	78	7	(02 LHB of other railway and remaining) 05 coaches of ICF(Which built year 2007 or before)
(b) Instructions regarding Bio-Effluent Lab									
S. N.	Instruction	Ref. Letter	Depot	Coach Holding	Testing of Samples done in this Month (02/24)	Testing Average per day	Cumulative Total for current Year (FY 23-24)		
12	Provision of in-house bio-sample testing facility in coaching depot and sampling of at least 10% coaches on one rake during primary maintenance as per latest Guidelines.	2021/M(C)/141/2Pt2 Dated 15.12.2022	CPR	275	116	4	1124		
(c) Instructions regarding 750 V Testing Facility									
S. N.	Instruction	Ref. Letter	Depot	Total No. of Pit Lines	No. of Pit lines where work is completed	Target for balance Pit lines	Remarks		
13	Provision of 750 V Power supply for Maintenance of HOG Coaches in washing/sick lines of maintenance depots/Sheds".	No. 97/Elect(G)/114/1/HSD dated 14.02.2023	CPR	2	2	0	commissioning done at 05.10.23		

RAIL MADAD COMPLAINTS
(APR -23 TO FEB- 24)

Rail Madad Analysis for FY 2023-2024

Month	Total Complain						Feedback from Passenger				Avg. Disposal Time (min)
	Cleanliness	Maintenance	Watering	Bedroll	Pest/ Rodent	Total	Excellent	Satisfactory	Unsatisfactory	No Rating	
Apr-23	42	8	2	53	5	110	51	15	6	38	13.7
May-23	59	13	2	58	1	133	70	26	6	31	25.29
June-23	100	24	12	67	00	203	62	37	12	92	35.45
July-23	67	19	1	52	2	141	66	25	3	47	32.55
Aug-23	59	12	1	51	4	127	72	22	3	30	26.19
Sept-23	57	12	0	43	2	114	55	21	7	31	32.55
Oct-23	68	24	4	50	2	148	60	21	6	61	30.74
Nov-23	294	39	12	152	17	514	106	49	35	324	37.72
Dec-23	74	13	2	32	4	125	29	19	15	62	3.56
Jan-24	47	5	0	38	15	105	43	18	6	38	14.56
Feb-24	71	10	2	46	5	134	58	15	3	58	20.3
TOTAL	964	195	41	652	63	1915	690	277	105	843	25.88

गाड़ी सं - 15159/60 में हो रहे रेलमदद कम्पलेन का कारण

- बलिया से गाड़ी प्रस्थान होने के बाद गाजीपुर, बनारस, प्रयागराज में देखा गया कि स्लीपर एवं जीएस यानों में अत्यधिक भीड़ होने के कारण ऑनबोर्ड OBHS स्टाफ को सफाई कार्य करने में काफी असुविधा होती है।
- किसी भी स्टेशन/जंक्शन से प्रस्थान के पश्चात OBLD स्टाफ द्वारा यात्रियों के आगमन/प्रस्थान की मानिट्रिंग करना सुनिश्चित नहीं किया जा रहा है।
- रात्रि में OBLD स्टाफ द्वारा यात्रियों के पास कंबल/तकिया की उपलब्धता सुनिश्चित नहीं किया जा रहा है।
- OBHS स्टाफ द्वारा टीम वाईज यानों की सफाई का डिस्ट्रिब्यूशन नहीं किया जाता है।
- प्रयागराज व कटनी जंक्शन पर प्रॉपर वाटरिंग नहीं किया जा रहा है।
- कटनी जंक्शन से दुर्ग जंक्शन की दूरी 460 किमी के बीच कोई भी वाटरिंग प्वाइन्ट का नहीं होना।
- कटनी जंक्शन एवं दुर्ग जंक्शन पर वाटरिंग के पानी की गुणवत्ता (हल्का पीला) सही नहीं है।
- रात्रि में OBLD स्टाफ का अपनी निर्धारित सीट पर उपलब्ध न होना।

Action plan to reduce Rail Madad complaints

- OBHS पर्यवेक्षक का मोबाईल नं सभी आरक्षित यानों में डोरवे एरिया में चस्पा कर दिया गया है।
- OBHS के कर्मचारियों की नियमित काउन्सलिंग की जा रही है।
- रेलमदद कम्प्लेन को कम करने हेतु सभी यानों में **त्वरित निस्तारण सेवा QR कोड स्टीकर** चस्पा किया जा रहा है।
- डिपो स्तर पर लोकल कंट्रोल की व्यवस्था की गयी है।
- लिनेन में अधिकांश कम्प्लेन बेडरोल समय से नहीं उपलब्ध होने की है, जिसके लिए बेडरोल एटेंडेंट को समय से बेडरोल उपलब्ध कराने के लिए काउन्सलिंग की जा रही है।
- लिनेन की गुणवत्ता बनाये रखने हेतु नियमित अंतराल पर धुले लिनेन की जाँच की जा रही है।
- इनरुट में होने वाले परिवादों को कम करने के लिए पर्यवेक्षकों को नियमित अंतराल पर इन्ड टू इन्ड निरीक्षण हेतु भेजा जा रहा है।
- मेन्टेनेन्स से संबंधित परिवादों को कम करने के लिए वाशिंग पिट पर आने वाले रैकों में कंप्लेन्ट से संबंधित मदों को समय-समय पर ड्राईव चलाकर चेक किया जा रहा है एवं कमी को ठीक किया जा रहा है।
- अनुबंध में वर्णित अंतराल के अलावा पेस्ट एवं रोडेन्ट कंप्लेन आने पर पुनः पेस्ट एवं रोडेन्ट कंट्रोल कार्य कराया जा रहा है। इसके साथ ही डिपो स्तर पर स्पेशल पेस्ट बनाकर पेस्ट कंट्रोल करवाया जा रहा है।

COACHING DEPOT
BALLIA

NORTH EASTERN RAILWAY
VARANASI DIVISION

COACHING DEPOT BALLIA



BUI

- Washing Pit
- Train Passing

INFRASTRUCTURE AVAILABLE AT COACHING DEPOT BALLIA

1. WASHING PIT

- No of Washing Pit – 01 (Pit No. 1 commissioning – 04.09.2021)
- Length – 600m
- Coach Capacity – 26 Coaches for ICF & 25 Coaches for LHB

वाशिंग पिट हाइड्रेंट का विवरण:-		
<i>SL</i>	<i>Washing Pit No.</i>	<i>I</i>
01	Length of Pit	600 m , One-side entry
02	Dia. of hydrant cocks	50mm(SOUTH),25 mm(NORTH)
03	No. of hydrant cocks	125

ट्रेन पासिंग हाइड्रेंट का विवरण						
S.No.	Platform No.	1		2	3	4
A	Length of Platform	617 m		576 m	576 m	576 m
B	Length of Hydrant	349 m	268 m	NA	570 m	570 m
C	Dia. of Hydrant	100 mm	150 mm	NA	150 mm	150 mm
D	No. of Cock	56	84	NA	179	179

STAFF STRENGTH AVAILABLE AT COACHING DEPOT BALLIA (FEB-23)

Sl. No.	CATEGORY	B.O.S	ACTUAL	DEVIATION	% DEVIATION
1	Supervisor	04	05	+1	+25%
2	Ministerial	02	02	0	NIL
3	Group C	29	20	-9	-31%
4	Group D	8	4	-4	-50%
Total		43	31	-12	-28%

WORKLOAD OF COACHING DEPOT BALLIA

- **Coach Holding – 43***
 - **ICF Coaches – 43***
 - **LHB Coaches – NIL***
- **No of Primary Trains – 3 (No. of rakes- 03)**
- **No of Secondary Trains – 1 (No. of rakes -02)**
- **No of RBPC Trains - 08**
- **No of coaches for Pit attention per Day – 18 Coaches**
- **No of Coaches for RBPC per Day- 79coaches**

Updated on:- 12.03.2024

NEW WORK UNDER COACHING DEPOT BALLIA

BALLIA - PROVISION OF TURN ROUND MAINTENANCE FACILITIES

Sanctioned year = 2021-22 Plan Head = 4200/CAP & DRF			
S.No	Work to be carried out	Deptt.	Status
1	Provision of watering hydrant having length 600 m , Dia 150 mm along the PF no. 3&4	Mechanical	Work Completed
2	Construction of Rolling Hut at BUI . (Qty 02)	Mechanical	Work Completed
3	Provision of tools and plants, office equipment for train passing & Washing pit office	Mechanical	Work in progress.
4	Provision of QUICK WATERING SYSTEM at Ballia stn.	Mechanical	Work in progress.

Running Contracts in BUI

Sl. No.	Tender No.	LOA	Contract Agreement No.	Total Value of Wok in Rs.	Period of Contract	Name of the Work	Name of the Firm
1	M/C&W/09/2020-21 Dtd. 26.02.2021	M/C&W/04/2020-21/00904190028322 DATE 12.11.2020	M/C&W/09/2020-21 Dtd. 26.02.2021	57082215.90	10.02.2021 to 02.02.2025	Out Sourcing of comprehensive Housekeeping & Mechanized cleaning at BALLIA (BUI) Station including platforms, yard, washable aprons, Tracks, office buildings, reservation office, concourse area, circulating area, waiting halls, washing pit & Depot premises, Drains cleaning, Garbage disposal and Rag Picking etc. and Mechanized Cleaning (Interior & Exterior), watering and padlocking in approx. 19 coaches daily along with Upper gear passenger amenity maintenance work on pit lines and Mechanized cleaning (interior Clg.), Watering, Padlocking in approx. 21 coaches daily of Platform return/RBPC (M/Exp.) trains along with Dry-Sweeping, watering, Padlocking in approx. 33 Coaches daily of Platform return/RBPC Passenger Trains at BUI Station for the period of four years	M/S ORIENTAL securities services, Plot no.588,saheed nagar, Bhubaneswar, odisha-751007 project manager mob. No. - 9648759616 (Tanuj kumar)
2	GEM- 511687763569526	GEM- 511687763569526	GEM- 511687763569526	3984540.17	16.11.2021 to 15.11.2023 extend up to 15.06.2024	Pest and Rodent Control Treatment in Pantry Car, AC/non AC Coaches Inspection Carriages) along with Rodent Control Treatment in Depot Premises, Washing Pit & Sick Line Area and Depot Yard in all coaching Depots of Varanasi Division for the period of Two (02) years.	JAI BHARAT ASSOCIATES Allahabad UTTAR PRADESH 211002 bmsingh.173@rediffmail.com Mob- 7985368224
3	GEM/2022/B/210773 1	GEM- 511687789692787	GEMC- 511687789692787 Date:-04.07.2022	49494260.9	01.08.2022 to 30.07.2026	Annual Maintenance and Operation Contract (AMOC) of Bio Toilets (DRDE) of BG Coaches based at MUV, CPR, AMH, & BUI Depot of Varanasi Division for a period of (04) years.	M/S Bhartiya securities services, HIG-2, VDA colony, chandmari, varanasi - 221002 Site manager mob. No. - 9123725443 (Krishna Kumar) project manager mob. No. - 8709491920 (Sarjesh Singh)

POH sending from the month of Apr-23 to Jan-24

Month	Apr-23	May-23	June-23	July-23	Aug-23	Sept-23	Oct-23	Nov-23	Dec-23	Jan-24
No of Coaches	02	04	08	01	06	0	0	4	2	2

WASHING PIT
COACHING DEPOT BALLIA

PIT LIGHT ILLUMINATION STATUS

Pit No.	Working LED Light Fitting on Pit											
	Under Pit/Dug Light				Catwalk				Over head Light			
	Total Fitting	Working	Defective	Missing	Total Fitting	Working	Defective	Missing	Total Fitting	Working	Defective	Missing
1	311	311	0	0	189	182	07	00	49	49	00	0

Washing pit-1 LUX LEVEL

- Under pit/Dug Light – 105
- Catwalk – 95

Portal Light

- Lux Level- 108

Primary Trains

SL NO.	Train No.	Load	No. of Rake	Rake Type	AC Coaches composition	NON AC Coaches composition	Days of maintenance	Days of Run	FROM-TO	Round trip (in km)	Total time taken for Round trip (in Hours)
1	05167/68	12	1	ICF	NIL	GS-2,GSLRD-2	WED,SAT	Daily	BUI-SHG	334	09.50
2	05169/70	12	1	ICF	NIL	GS-2,GSLRD-2	Mon, Friday	Daily	BUI-PRYB	526	15.20
3	05171/72	12	1	ICF	NIL	GS-2,GSLRD-2	Fri	Daily	BUI-SHG	334	09.05
Secondary Trains											
1	01025/26	17	1	ICF	ACCW 01,ACCN-03	SCN-8,GS-3,SLR-02	Wed,Fri,Sun	Wed,Fri,Sun	BUI- DR	3614	72

TRAIN PASSING
COACHING DEPOT BALLIA

RBPC Trains

SL NO.	Train No.	Load	No. of Rake	Rake Type	AC Coaches composition	NON AC Coaches composition	Days of maintenance	FROM -TO
1	05167/68	12	1	ICF	-	SLR-02, GS-010	Mon,Tues,Thurs, Fri, Sun	BUI-SHG
2	05169/70	12	1	ICF	-	SLR-02, GS-010	Mon,Wed, Thurs,Sat,Sun	BUI-PRRB
3	05171/72	12	1	ICF	-	SLR-02, GS-010	Tues,Wed, Fri,Sat, Sun	BUI-SHG
4	13105/06	19	2	ICF	ACCW-01, ACCN-02	SCN-09,GS-05,SLR-02	DAILY	SDAH-BUI
5	04055/56	19	1	LHB	LWFCWAC-01,LWACCN-12	LWLRRM-1,LSLRD-1, LWSCN-04,	THUS	BUI- ANVT
6	22427/28	21	1	LHB	LWACCW-01,LWACCN-4	LWLRRM-1,LSLRD-1, LWSCN-09,LS-5	SUN	BUI- ANVT
7	11071/72	22	1	LHB	LWACCW-01,LWACCN-5, LWACCNE-01	LWLRRM-01,LSLRD-01,LWSCN-10,LWS-3	DAILY	BUI-LTT
8	12581/82	22	1	LHB	LWFAC-1,LWACCW-2, LWACCN-9	LWLRRM-1,LSLRD-1,LWSCN-5,LS-3	TUE,WED	BUI-NDLS

TRAIN PASSING SIWAN

WORK LOAD OF SIWAN JUNCTION

SL NO	WORK LOAD	00:00 --08:00	08:00 --16:00	16:00 --00:00
1	Rolling in/out examination	All up&Down trains	All up&Down trains	All up&Down trains
2	Engine reverse &Continuity Test	-----	05036/05191	-----
3	RBPC(cleaning &watering)	05142/05141, 05442/05439, 05154/05146	-----	05192/05035
4	Temperature& Under gear Exam.	05154/05146	05192/05035	05142/05141, 05442/05439
5	Pad locking	05154/05146	-----	05192/05035, 05142/05141, 05442/05439

RBPC TRAIN OF SIWAN STATION

Sl	Train no	Section	Arr.	Dep.	Load	Primary maintenance	Stock type	Running day
01	05142/ 05142	GKP—SV/ SV--GKP	21:55	05:40	12	GKP	ICF	Daily
02	05442/ 05439	THE—SV/ SV--THE	21:20	04:30	11	MAU	ICF	Daily
03	05154/ 05146	GKP—SV/ SV--CPR	00:15	05:20	8/10	ARJ	DEMU	Daily
04	05192/ 05035	THE—SV/ SV--GKP	14:45	17:35	12	GKP	ICF	Daily

LOCO REVERSAL & CONTINUITY TEST

Sl	Train no	Section	Arr.	Dep.	Running day
01	05036/05191	GKP—SV/SV--THE	10:10	12:35	Daily

HYDRANT & PLATFORM POSITION OF SIWAN STATION

depot	Pf no	Platform detail		Hydrant details			
		length	capacity	Length In m	Dia in inches	No of Cock	Coach Capacity
SV	1	741 m	30	610	6	144	24
	2	625 m	26				
	3	625 m	26	598	6	166	23
	4	427 m	19	265	6	43	10

TRAIN PASSING BHATNI

RBPC TRAIN OF BHATNI JUNCTION

SI	Train no	Section	Arr.	Dep.	Load	Primary maintenance	Stock type	Running day
01	05149/05430/05429/05150	BTT-BHJ-SJU-BHJ-BTT	-- 11:15	05:10	5	MAU	ICF	Daily
02	01748/01747	BSBS-BTT-BSBS	12:10	15:20	10	BSBS	ICF	Daily
03	05151/05432/05431/05152	BTT-BHJ-SRU-BHJ-BTT	-- 22:05	16:20 --	5	MAU	ICF	Daily

LOCO REVERSAL & CONTINUITY TEST

SI	Train no	Section	Arr.	Dep.	Running day
01	14006	ANVT-SMI	09:55	10:15	Daily
	14005	SMI-ANVT	10:55	11:20	Daily
	11059	LTT-CPR	18:15	18:40	Sun, Wed, Fri
	11060	CPR-LTT	07:35	08:00	Mon, Thu, Sat
	05444	MAU-CPR	07:00	07:20	Daily
	05443	CPR-MAU	19:10	19:30	Daily

WORK LOAD OF BHATNI JUNCTION

SL NO	WORK LOAD	00:00 --08:00	08:00 –16:00	16:00 –00:00
1	Rolling in/out examination	All up & Down trains	All up & Down trains	All up&Down trains
2	Engine reverse &Continuity Test	11060, 05444	14006, 14005	11059, 05443
3	RBPC(cleaning &watering)	05149	01747, 05151	05147/05148(MEMU)
4	Temperature& Under gear Exam.	05149, 05147	01747/01748, 05150/05151	-
5	Pad locking	...	01748, 05150	05148, 05152

THANK YOU