



VARANASI DIVISION

(Mechanical Department)



DIVISION AT A GLANCE

04-Apr-24

SYSTEM MAP - MECHANICAL

LEGEND

- SPARMV
- ARTI/ARME
- COACHING DEPOT
- DEMU/MEMU SHED
- INTERCHANGE POINT
- RULING GRADIENT
- WATERING STATION & TRAIN EXAMINATION
- RUNNING ROOM
- LOBBY
- FUELING POINT

WASHING LINE DETAILS

DEPOT	NO. OF WASHING LINE	COACH CAPACITY L.H.B
BSBS	02	24, 24
CPR	02	24, 24
BUI	01	24
GCT	01	24
BCY	01	24
MAU	01	24
AMH	01	24

RUNNING ROOM DATA

LOCATION	NO. OF BEDS
CHHAPRA	140+ (34TTE)
THAWE	12
BHATNI	57
BALLIA	36
SIWAN	35
PRAYAGRAJ	22
RAMBAG	17
VARANASI	17

PRRB TRAIN PASSING

Coaching Depot Varanasi City

Coaching Depot BANARAS

Coaching Depot Azamgarh

Coaching Depot CHAPRA

Ghazipur City Depot

Ballia Depot

Train Set Depot ARJ

Coaching Depot MAU

Coaching Depot BHATNI

THAWE TRAIN PASSING

SIWAN TRAIN PASSING

VARANASI DIVISION N.E. RLY

SONEPUR DIVISION E.C. RLY

WASHING LINE DETAILS		
DEPOT	NO. OF WASHING LINE	COACH CAPACITY L.H.B
BSBS	02	24, 24
CPR	02	24, 24
DUI	01	24
GCT	01	24
BCY	01	24
MAU	01	24
AMH	01	24

RUNNING ROOM DATA	
LOCATION	NO. OF BEDS
CHHAPRA	140+ (34TTE)
THAWA	12
BHATNI	57
BALLIA	38
SIWAN	35
PRAYAGRAJ RAMBAG	22
VARANASI	17

LEGEND	
SPARMV	
ART/ ARME	
COACHING DEPOT	
DEMU/ MEMU SHED	
INTERCHANGE POINT	
RULING GRADIENT	
WATERING STATION & TRAIN EXAMINATION	
RUNNING ROOM	
LOBBY	
FUELING POINT	

Varanasi division mechanical department over-view

➤ <u>Officers in mechanical department –</u>	<u>08</u>
➤ <u>Supervisors in mechanical department –</u>	<u>121</u>
➤ <u>Total number of staff –</u>	<u>811</u>
➤ <u>Total post vacant -</u>	<u>123</u>
➤ <u>Total numbers of primary trains –</u>	<u>28</u>
➤ <u>Total numbers of secondary trains –</u>	<u>07</u>
➤ <u>Total numbers of RBPC trains -</u>	<u>83</u>
➤ <u>Total numbers of Through trains -</u>	<u>394</u>
➤ <u>Total numbers of Loco reversal & continuity test of trains-</u>	<u>07</u>
➤ <u>Total numbers of ART “A” class -</u>	<u>01</u>
➤ <u>Total numbers of SPART/SPAMV –</u>	<u>02</u>
➤ <u>Total numbers of coach holding –</u>	<u>1038</u>
➤ <u>Total numbers of complains attended (2023-24)</u>	<u>.</u>
➤ <u>Total numbers of attended for Schedule Repair -</u>	<u>.</u>
➤ <u>Total numbers of attended for Un-Schedule Repair -</u>	<u>.</u>
➤ <u>Total numbers of laundry -</u>	<u>03 (BSBS, CPR, MAU)</u>
➤ <u>Capacity of laundry –</u>	<u>11.5 Ton/Day</u>

Gazette Cadre

Sr. DME/C&W/BSB
ANUBHAV PATHAK

Sr. DME/EnHM/BSB
APURVA SWARNAKAR

SR.DME/TRAIN SET/ ARJ
ABHISHEK RAI

DME / Coaching/ BSB
ANUJ MISHRA

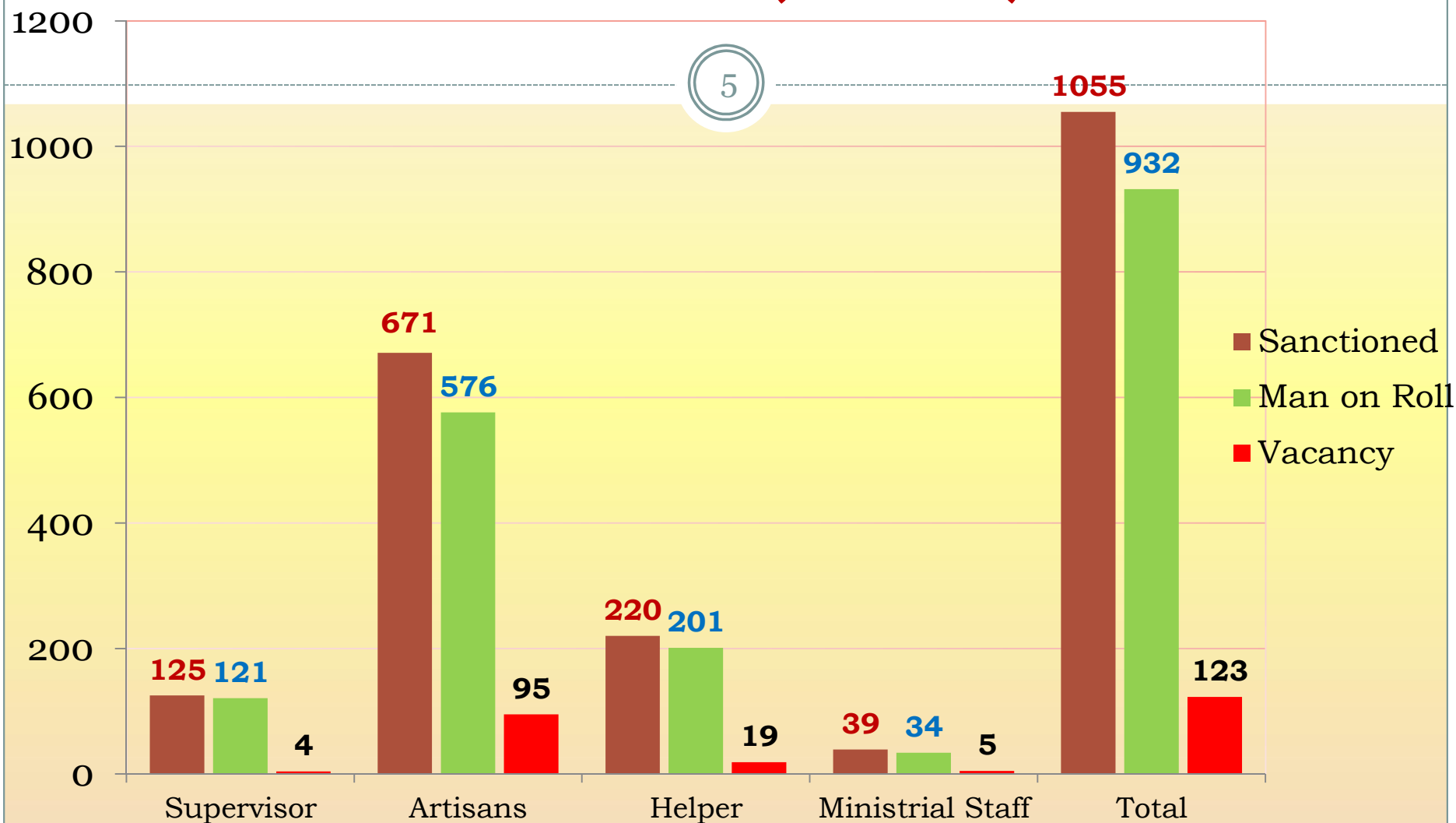
ADME /C&W /BSB
OJAS SRIVASTAVA

CDO/BSBS
VINEET RANJAN

CDO/CPR
AJIT KUMAR

CDO/MAU
ABHISHEK SINGH

Book of Sanction (BOS-III) on date 18/03/2024



Vetted by Accounts on 17-10-2023

04-04-2024

SAFETY CATEGORY VACANCY

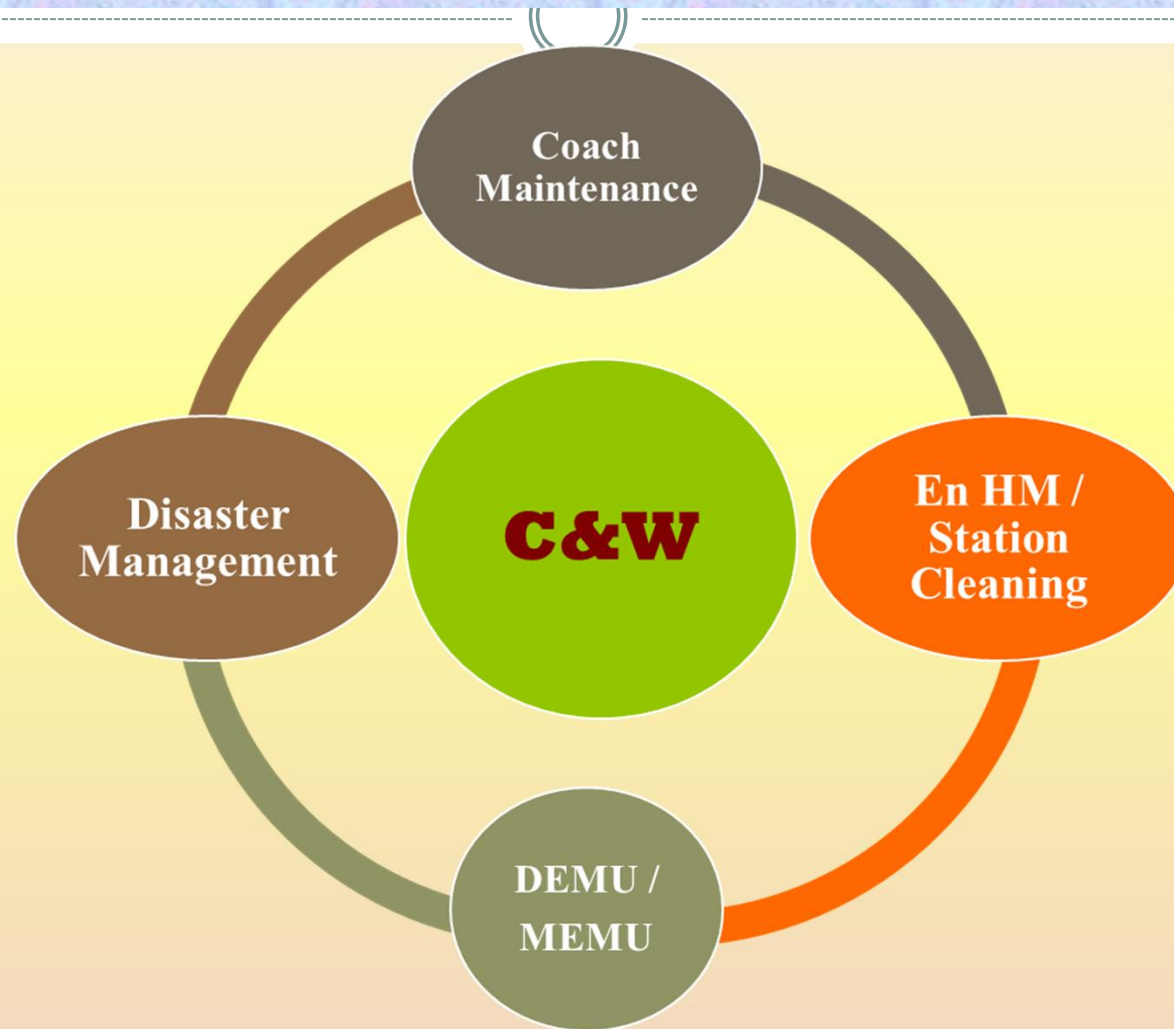
		In Number	Percent
1	Supervisor Category	04	03.2
2	Artisans Category	95	14.16
3	Assistant C&W	19	8.63
4	Total	118	09.83

Indent Position

S. n.	Name of Post	Number of Post	Indent Sent Date	Present Status
1	Junior Engineer	01	07.07.23	Indent sent to GKP
2	Technician Grade-III	07	28.06.23	Indent sent to GKP
		03	07.07.23	
3	Carriage Khalasi	41	NA	36 joined, 05 not reported
4	Welder	02	07.07.23	Indent sent to GKP
	Total	152	Indent Already Sent	

NOTE:- 1. Junior Engineer (diesel) :- 01 NOS.
 2. 01 post O.S. Re-designation and converted into junior engineer
 3. Re-designation of 25 post (carpenter, trimmer & painter) into tech. Is under process.

Activity Centre



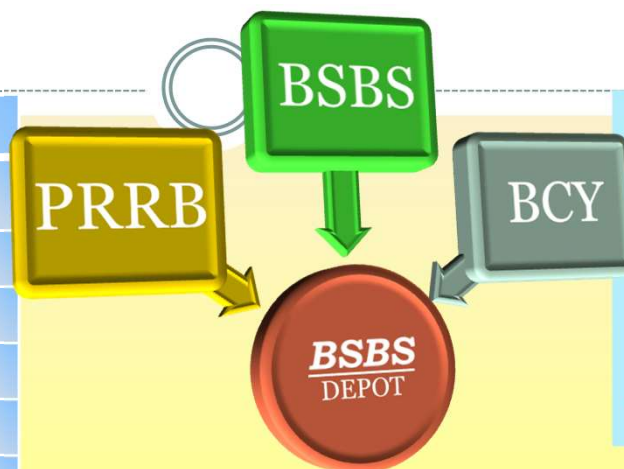
COACHING DEPOT BSBS

Sri Vineet Ranjan

CDO / BSBS

STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	34	33
2.	Group C	200	188
3.	Group D	71	65
4.	Ministerial	04	03
5.	Total	309	289



HOLDING OF COACHES-

LHB- 274
 ICF - 18 (Garib Rath)
 13 (CBC PASS.)
 23 (Screw Coupling Mail)
 01 (CBC Mail)
TOTAL = 329 COACHES

Primary Maintenance : 10 trains /15 rakes –

Express –14

- 1- Shiv Ganga Super Fast (12559/12560) - 2 Rakes (LHB)
- 2- Intercity Exp. (15103/15104) - 1 Rake (LHB)
- 3- Banaras-NewDelhi Exp. (12581/12582) - 2 Rakes (LHB)
- 4- Banaras -Rameshwaram Exp.(22536/22535) -1Rake(LHB)
- 5- Kashi-patna Jan Shatabdi Exp.(15125/15126)-1Rake(LHB)
- 6- Kashi-vashwanath Exp. (15127/15128) - 2Rakes (LHB)
- 7- Banaras- Dehradoon Exp. (15119/15120) -3Rakes (LHB)
- 8- BSBS- NDLS Garib Rath Exp. (22541/22542) -1 Rake (ICF)
- 9-Banaras- Lucknow Intercity Exp. (15107/15108) -1 Rake (ICF)

Passenger-01

- 1- BSBS – PBH (05117/05118) - 1 Rake (ICF)

Secondary Maintenance : 04trains /04 rakes -

- 1- BSBS- HUBLI (17323/24) – 1 Rake (LHB)
- 2- BSBS-OKHA (22969/70) - 1 Rake (LHB)
- 3- BSBS-VRL (12945/46) – 1 Rake (ICF)
- 4- BSBS-CAPE (16367/68) – 1 Rake (LHB)

Terminating & Originating Examination

Banaras T/P -
 RBPC – 17
 Terminating Examination. –17
 Originating Examination. – 17
SPARMV (ART- B Class & ARME Scale-1)
 (Coach No - 990004 ART/SV, 013232 WRH, 994141 ART/TV)
 SPIC (NE 230082)- Under Commissioning

Availability of coach maintenance facilities.

Depot	No. of W/Pits	Type	Length (meter)	Capacity (Coach)	Air Compressor	Welding m/c.	Extention CAMTEC H Dsg.(mt.)	Modified CAMTECH
BSBS	W.Pit No-1	CAMTECH Dsg.	550	22	Available	Available	-	
	W.Pit No-2	CAMTECH Dsg.	600	23	Available	Available	-	
	W.Pit No-3	CAMTECH Dsg.	600	23	Available	Available	-	
	New W/P-4	CAMTECH Dsg.	550	21				UNDER construction (CAMTECH Dsg.)

Water hydrant facilities on BSBS station.

S.N.	PLATFO RM NO.	PLATFORM ,s length	Diameter of main pipe	Diameter of branch pipe & cock	Type of cock	make	Total no. of cocks
1	01	570 मीटर	150 mm	50 mm	Hydrant water control valve with detachable key	WESRN	227
2	02	570 मीटर	150 mm	50 mm		" "	258
3	03	570 मीटर	150 mm	50 mm	" " "	" "	280
4	04	570 मीटर	150 mm	40 mm	" " "	R FLOW	191
5	05	570 मीटर	150 mm	40 mm	" " "	" "	185
6	06	570 मीटर	150 mm	40 mm	" " "	" "	185
7	07	570 मीटर	150 mm	50 mm	" " "	" "	268

COACHING DEPOT BCY

Sri Vineet Ranjan

CDO / BSBS



STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	07	06
2.	Group C	27	26
3.	Group D	16	12
4.	Ministerial	3	1
5.	Total	53	45

TOTAL HOLDING OF COACHES = 64 ICF COACHES

Primary Maintenance : 03 trains /06 rakes –

Express -02 *VARANASI CITY –GORAKHPUR EXP(15132/31) - 02 Rakes- 36 Coaches(ICF -18 coaches / rake)

*BCY-CPR INTERCITY EXP(15111-15112) -02RAKES- 20 COACHES(ICF-10COACHES/RAKE)

Passenger-01 Train no-01748/05445 (CBC Coupling) - 02 Rakes 20 Coaches (ICF –10 coaches /Rake)

Terminating & Originating Examination Banaras T/P -

RBPC – 13 (Terminating Examination. –13, Originating Examination. – 13)

Availability of coach maintenance facilities.

Depot	No. of W/Pits	Type	Length (meter)	Capacity (Coach)	Air Compressor	Welding m/c.	Extention CAMTECH Dsg.	Modified CAMTECH
BCY	W.Pit No-1	CAMTECH Dsg.	600	24	Available	Available	-	-

Water hydrant facilities on BSBS station.

S.N.	PLATFO RM NO.	Platform's length	Hydrant's length	Diameter of main pipe	Diameter of branch pipe & cock	Type of cock/ capacity	make	Total no. of cocks
1	01&02	600 m	550 m	150 mm	50 mm	Hydrant water control Valve with detachable key/24	VOG	253
2	03&04	570 m	550 m	150 mm	50 mm	„	JEC & WESTRN	264
3	05	570 m	540 m	150 mm	50 mm	„	KS & HUNO	242

TRAIN PASSING PRRB

Sri Vineet Ranjan

CDO / BSBS



STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	01	02
2.	Group C	27	26
3.	Group D	16	12
4.	Ministerial	03	01
5.	Total	47	41

TOTAL HOLDING OF COACHES = 00 COACHES

Primary/ Secondary Maintenance : 00 trains /00 rakes –

Terminating & Originating Examination Banaras T/P -

RBPC – 06

(Terminating Examination. –06,

Originating Examination. – 06)

1.	12537/38	PRRB-MFP	Bapudham Exp.	16 coaches
2.	12334/33	PRRB-HWH-PRRB	Vibhuti Exp.	19 coaches
3.	05137/38	PRRB-MAU-PRRB	MEMU	08 coaches
4.	05173/96	PRRB-BSBS-PRRB	MEMU	08 coaches
5.	05169/70	PRRB-BUI-PRRB	PASSENGER	12 coaches
6.	05195/74	PRRB-BSBS-PRRB	MEMU	08 coaches

Availability of coach maintenance facilities.

Depot	No. of W/Pits	Type	Length (meter)	Capacity (Coach)	Air Compressor	Welding m/c.	Extention CAMTECH Dsg.	Modified CAMTECH
PRRB	W.Pit No-1	CAMTECH Dsg.	600	24	Available	Available	-	-

Water hydrant facilities on PRRB station.

S.N.	PLATFO RM NO.	Platform's length	Hydrant's length	Diameter of main pipe	Diameter of branch pipe & cock	Type of cock/ capacity	make	Total no. of cocks
1	01&02	600 m	550 m	150 mm	50 mm	Hydrant water control Valve with detachable key/24	VOG	253
2	03&04	570 m	550 m	150 mm	50 mm	„	JEC & WESTRN	264
3	05	570 m	540 m	150 mm	50 mm	„	KS & HUNO	242

COACHING DEPOT CPR

SRI AJIT KUMAR (CDO/CPR)

STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	27	25
2.	Group C	148	129
3.	Group D	44	43
4.	Ministerial	04	02
5.	Total	223	199

TOTAL HOLDING OF COACHES – 275

LHB- 109, ICF -166

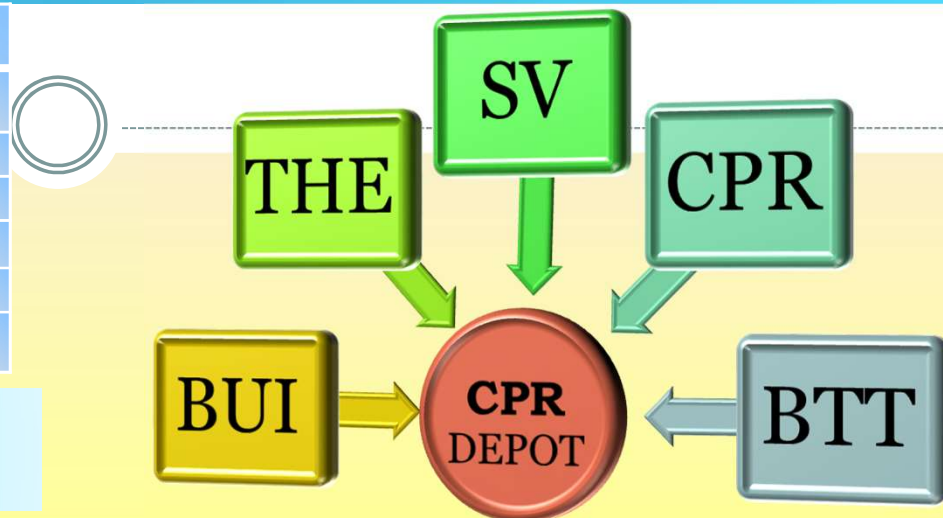
Type	Coach Composition	Exit	GPS
SPARMV	3 COACH SPARMV	Double	Available

Primary Maintenance : 07 trains –

1. 15159/60 CPR-DURG (Samath Exp.) LHB 22
2. 22531/32 CPR-MTJ (CPR-MTJ Exp.) LHB 22
3. 15115/16 CPR-DLI-CPR (Lok Nayak Exp.) LHB 22
4. 15102/01 CPR-LTT (Janshadarn Exp.) LHB 22
5. 15106/11 CPR-BCY (Intercity Exp.) ICF/CBC 15
6. 15114/13 CI-GTNR-CI (Gomtinagar Exp.) ICF/CBC 23
7. 05063/64 CPR-LTT SPL (Chhapra LTT AC SPL) LHB 21

Secondary Maintenance : 02 trains –

1. 12669/70 MAS-CPR-MAS (Ganga Kaveri) LHB 22
2. 07651/52 GCT-J (Jalna weekly special) ICF 24



Terminating & Originating Examination Banaras T/P -

RBPC –17(Terminating Examination. –17, Originating Examination. 17)

1.	11060/59	CPR-LTT	Godan Exp.	22
2.	19046/45	CPR-ST	Tapti Ganga Exp.	22
3.	09065/66	CPR-ST	Tapti Ganga Exp. Clone	22
4.	15113/14	CI-GTNR	Gomati Nagar exp.	23
5.	15054/ 15083	CPR-CPA	Utsarg Exp.	23
6.	15084/15053	CPR-LJN	LJN EXP.	23
7.	15112/05	CPR –NTV	Nautanwa intercity Exp.	15
8.	05136/45	DEMU	Utsarg Exp.	10
9.	05156/55	ICF	Tapti Ganga Exp.	10
10.	05146/35	DEMU	Chhapra Clone Special	10
11.	05164/22	ICF	Mumbai LTT Express	10
12.	05123/63	ICF	Chhapra kachehri Exp.	10
13.	05443/05124	ICF	Nautanwa intercity Exp	10
14.	05248/47	DEMU	Chhapra Exp.	10
15.	05444/05443	ICF	Chhapra-Siwan DEMU	10
16.	05446/45	ICF	Chhapra Exp. Spl	10
17.	05245/46	DEMU	Aunrihar-Chhapra DEMU	10

Availability of coach maintenance facilities.

Water hydrant facilities on CPR washing pit line

Depot	No. of W/Pits	Type	Length (meter)	Capacity (Coach)	Diameter of branch pipe & cock	Total no. of cocks	Air Compressor	Welding m/c.
CPR	W.Pit No-1	CAMTECH Dsg.	600	26 ICF/ 25 LHB COACHES	25 mm	131	Available	Available
	W.Pit No-2	CAMTECH Dsg.	600		25 mm	87	Available	Available

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 50 mm Delivery Pipe.

Water hydrant facilities on CPR station.

S. N.	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

COACHING DEPOT BUI

SRI AJIT KUMAR (CDO/CPR)

STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	04	04
2.	Group C	29	21
3.	Group D	08	04
4.	Ministerial	02	02
5.	Total	43	31

TOTAL HOLDING OF COACHES - 43

LHB- 00, ICF - 43

Primary Maintenance : 03 trains –

S N.	Train No.	FROM –TO	Load	No./TYPE of Rake
1	05167/68	BUI-SHG	12	1 ICF
2	05169/70	BUI-PRYB	12	1 ICF
3	05171/72	BUI-SHG	12	1 ICF

Secondary Maintenance : 04trains /04 rakes –

1	01025/26	BUI- DR	17	1 ICF
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Terminating & Originating Examination Banaras T/P

RBPC –08(Terminating Examination. –08,Originating Examination. 08)

1	05167/68	BUI-SHG	12	1 ICF
2	05169/70	BUI-PRRB	12	1 ICF
3	05171/72	BUI-SHG	12	1 ICF
4	13105/06	SDAH-BUI	19	2 ICF
5	04055/56	BUI- ANVT	19	1 LHB
6	22427/28	BUI- ANVT	21	1 LHB
7	11071/72	BUI-LTT	22	1 LHB
8	12581/82	BUI-NDLS	22	1 LHB

Washing Pit

SL	Washing Pit No.	Pit No. 1 commissioning – 04.09.2021
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.N o.	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
C	Dia. of Hydrant	100 mm	150 mm	NA	150 mm
D	No. of Cock	56	84	NA	179

TRAIN PASSING SIWAN

SRI AJIT KUMAR (CDO/CPR)



STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	02	02
2.	Group C	18	16
3.	Group D	03	02
4.	Ministerial	01	01
5.	Total	24	21

RBPC TRAINS -04

SI	Train no	Section	Load	Stock type
01	05142/41	SV--GKP	12	ICF
02	05442/39	THE—SV	11	ICF
03	05154/46	GKP-SV-CPR	8/10	DEMU
04	05192/05035	THE-SV-GKP	12	ICF

LOCO REVERSAL & CONTINUITY TEST- 01

01	05036/05191	GKP-SV-THE	-	ICF
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HYDRANT & PLATFORM POSITION OF SIWAN STATION

Pf no	Platform detail		Hydrant details			
	length	capacity	Length	Dia.	No of Cock	Coach capacity
1	741 m	30	610 m	150 mm	144	24
2	625 m	26				
3	625 m	26	598 m	150 mm	166	23
4	427 m	19	265 m	150 mm	43	10

TRAIN PASSING BHATNI

SRI AJIT KUMAR (CDO/CPR)



STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	03	03
2.	Group C	24	24
3.	Group D	06	04
4.	Ministerial	01	01
5.	Total	34	32

RBPC TRAIN OF BHATNI JUNCTION

SI	Train no	Section	Load	Primary maintenance	Stock type	Running day
01	05149/05430/05429/05150	BTT-BHJ-SJU-BHJ-BTT	5	MAU	ICF	Daily
02	01748/01747	BSBS-BTT-BSBS	10	BSBS	ICF	Daily
03	05151/05432/05431/05152	BTT-BHJ-SRU-BHJ-BTT	5	MAU	ICF	Daily

LOCO REVERSAL & CONTINUITY TEST

Hydrant & platform position of BTT station

SI	Train no	Section	Running day	PF NO.	LENGTH	CAPACITY	DIA.	REMARK
01	14006	ANVT-SMI	Daily	1	430	19	6"	-
02	14005	SMI-ANVT	Daily	2	289	13	4"	Hydrant for PF no 02 of 600 meter length ,dia 150 mm (6") has sanctioned ,tender opened on 26.8.2022,current hydrant will be replced by new
03	11059	LTT-CPR	Sun, Wed, Fri					
04	11060	CPR-LTT	Mon, Thu, Sat					
05	05444	MAU-CPR	Daily					
06	05443	CPR-MAU	Daily	5	465	21	6"	

TRAIN PASSING THAWE

SRI AJIT KUMAR (CDO/CPR)



STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	02	01
2.	Group C	15	11
3.	Group D	03	02
4.	Ministerial	00	00
5.	Total	20	14

Terminating & Originating Examination Banaras T/P - RBPC –01(Terminating Examination. –01, Originating Examination. 01)

S.N.	Station/ Depot	Train No.	From-To	Train Name	Load	Composition	Days of Run
1	THE	18182/81	THE- TATA	Tata Exp.	23	SLR-2,ACCW-1,ACCN-2,GSCN-11,GS-5.	WED,THU ,SAT,SUN

Hydrant & platform position of THAWE station

PF NO.	LENGTH	CAPACITY	DIA.
1	585	26	6"
2	295	26	6"
3	550	24	6"

COACHING DEPOT MAU

Sri ABHISHEK SINGH (CDO, MAU)

TOTAL HOLDING OF COACHES – 146
LHB- 83, ICF -63

Depot	Type	Coach Composition	Exit	GPS	ART Class
MAU	ART	3+2= 5 Coaches	line is double exit	Available	A
	ARME				
	140 T CRANE	06-Coaches	Single exit		A

STAFF POSITION OF MAU

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	07	10
2.	Group C	90	49
3.	Group D	23	22
4.	Ministerial	02	02
5.	Total	122	83

Washing Pit

SL	Washing Pit No.	Pit No. 1
01	Length of Pit	600 m , One-side entry
03	No. of hydrant cocks	125

A. MAU PRIMARY TRAINS- 05 TRAINS

S. No.	Train No.	LOAD	No. of rake	Day	From	To
1	15025	22	1	Sun, tue	MAU	ANVT
2	22539	22	1	Tue, fri	MAU	ANVT
3	05149	5	2	Sun,Wed	BTT	BHJ
4	05444	12	4	Daily	MAU	CPR
5	15181	21	1	SAT	MAU	LTT

B. RBPC RETURN TRAINS

S.N.	Train No.	No. of rake	Day	From	To
1	15025	1	Tue	MAU	ANVT

Hydrant & platform position of MAU station

PF NO.	LENGTH	CAPACITY	DIA.	REMARK
1	612	27	4"	currently 03 No Hydrant having length 650 Meter,dia 150 mm(6") for PF no 1,2& 3 has sanctioned & under progress-
2	373	16	3"	
3	333	14	4"	
4	636	28	3&4"	

TRAIN PASSING AMH

Sri ABHISHEK SINGH (CDO, MAU)



STAFF POSITION

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	02	02
2.	Group C	11	07
3.	Group D	06	04
4.	Ministerial	01	01
5.	Total	20	14

TOTAL HOLDING OF COACHES = 00 COACHES

Primary/ Secondary Maintenance : 00 trains /00rakes –

Terminating & Originating Examination Banaras T/P - RBPC – 03 (Terminating Examination. –03, Originating Examination. – 03)

1. DLI-AMH-DLI (12226/25)
2. CPR-SEE MEMU (05428/27)
3. KOLKATA-AMH EXP. (13137/38) Weekly

Availability of coach maintenance facilities.

Depot	No. of W/Pits	Type	Length (meter)	Capacity (Coach)	Air Compressor	Welding m/c.	Extention CAMTECH Dsg.	Modified CAMTECH
AMH	W.Pit No-1	CAMTECH Dsg.	600	24	Available	Available	-	-

Water hydrant facilities on BCY station.

S.N.	PLATFORM NO.	Hydrant's length	Diameter of main pipe	Diameter of branch pipe & cock	Type of cock/ capacity	make	Total no. of cocks
1	01	554 m	150 mm	50 mm	Hydrant water control Valve with detachable key/24	-	253
2	02	633 m	150 mm	50 mm	„	-	264

COACHING DEPOT GCT

Sri ABHISHEK SINGH (CDO, MAU)



STAFF POSITION OF GCT

S.N.	Category	Sanctioned	ON ROLL
1.	Supervisors	03	04
2.	Group C	18	12
3.	Group D	06	07
4.	Ministerial	00	00
5.	Total	27	23

RBPC RETURN TRAINS

S.No.	Train No.	From-To	Train Name	Load	Days of Run
1	22324/23	GCT-KOAA	ShabdBhedhi Exp.	20	Fri
2	13122/21	GCT-KOAA	GCT-KOAA Exp.	20	Mon
3	22434/33	GCT-ANVT	SUHAILDEV SF EXP.	21	SAT, TUE
4	22420/19	GCT-ANVT	SUHAILDEV SF EXP.	21	SUN, MON, WED, FRI
5	14611/12	GCT-SVDK	GCT-SVDK Exp.	21	Fri
6	20941/42	GCT-BDTS	BANDRA TERMINUS SF EXP.	22	SUN, TUE
7	05437/38	GCT-PYGS-GCT	MEMU	8	DAILY
8	05133/34	GCT-JNU-GCT	MEMU	8	DAILY
9	05461/62	GCT-BCY-GCT	MEMU	8	DAILY
10	05143/44	GCT-JNU-GCT	MEMU	8	DAILY

WASHING PIT LINES

LENGTH PIT LINE(METERS)

COACH CAPACITY

1

600

26

Hydrant & platform position of GCT station

PF NO.

LENGTH

CAPACITY

DIA.

1

600

26

6"

2

600

26

6"

TRAIN SET **ARJ**

SHRI ABHISHEK RAI
(*SR.DME/TRAIN SET*)



DEMU/MEMU Holding at Trainset Depot ARJ

Sr.	Type	Rake No.	D.O.C.	Engine Make	Control System	IOH Due	POH Due	Remark
1	1400 HP DEMU	158073/74	03.11.2015	CAT	BHEL	May-24	Apr-25	Ready/ In service
2		19005/06	25.06.2003	CIL	BHEL	...	...	Under POH At IZNS
3		19007/08	10.11.2014	CIL	BHEL	Done	Aug-24	Ready/ In service
4	1600 HP DEMU	19011/12	25.12.2015	CAT	MEDHA	...	Dec-23	Ready/ In service
5		19013/14	10.01.2016	CAT	MEDHA	...	Apr-24	Ready/ In service
6		19017/18	13.04.2016	CIL	MEDHA	...	May-24	Ready/ In service
7		19019/20	21.06.2017	CIL	CGL	Mar-24	Feb-25	Ready/ In service
8		188698/99	20.07.2017	CIL	MEDHA	Done	Jun-25	UNFIT(will be fit up to 05.12.23)
9		19023/24	24.10.2017	CIL	CGL	...	Jun-23	Under POH At IZNS
10		19025/26	09.09.2018	CIL	MEDHA	Nov-23	Sep-24	Ready/ In service
11		188374/75	06.12.2018	CIL	MEDHA	Jan-24	Dec-24	Ready/ In service
12	3-Phase MEMU	198657/58	05.09.2019	...	MEDHA		Apr-24	UNFIT(will be fit up to 30.11.23)
13		208271/72	19.02.2021	...	MEDHA	Mar-24	Apr-25	Ready/ In service
14		218113/14	14.04.2021	...	MEDHA	Mar-24	May-25	Ready/ In service
15		218115/16	16.06.2021	...	MEDHA	Jul-24	Aug-25	Ready/ In service
16		228053/54	07.03.2023	...	BHEL	Mar-24	Mar-25	Ready/ In service
17		228057/58	28.08.2023	...	BHEL	Aug-24	Aug-25	Ready/ In service
18		238521/22	22.09.2023	...	MEDHA	Sep-24	Sep-25	Ready/ In service
19		238523/24	14.10.2023	...	MEDHA	Oct-24	Oct-25	Ready/ In service
20		238633/34	27.10.2023	...	MEDHA	Oct-24	Oct-25	Ready/ In service
21		238637/38	07.11.2023	...	MEDHA	Nov-24	Nov-25	Ready/ In service
22		238635/36	...	...	MEDHA	...	...	Under Commissioning
23		238639/40	...	...	MEDHA	...	...	Under Commissioning
24		238307/08	...	...	BHEL	...	...	Under Commissioning

Summary of Rakes utilization at TSD/ARJ

Trainset Type	In service	UNFIT	U/POH Booked for POH	U/Commissioning	Total
DEMU	08	01	02		11
MEMU	09	01		03	13

NOTE:-

(1) At present 17 Rakes are working (12 Regular Service and 5 Special Service), 2 Under POH and 2 Rakes are unfit. In this 12 regular services 6 services are of DEMU Rakes and 6 services are of MEMU Rakes.

(2) After commissioning of all MEMU Rakes total MEMU Rakes will count 13. Out of these 13 MEMU rakes 8 MEMU Rakes will be in service (Including proposed MEMU Link of Ayodhya.). In remaining 5 rakes, excluding 3 spare Rake (1 Fit spare, 1 POH and 1 IOH) 2 Rakes still need utilization.

(3) Present capacity of ARJ shed for trip schedule can be extended up to
– 11 DEMU + 14 MEMU = 25 TS.

Rolling Stock Overview

Coaching Depot Holding

SN.	Name of Depot	LHB	ICF	Total
1	Banaras (BSBS)	270	55	325
2	Chhapra (CPR)	164	111	275
3	Mau (MAU)	83	63	146
4	Azamgarh (AMH)	0	0	0
5	Ballia (BUI)	0	43	43
6	Ghazipur (GCT)	0	0	0
7	Varanasi City (BCY)	0	64	64
8	TSD Arj (11 DEMU & 10 MEMU)			(186)
	Total	516	336	1038

04-Apr-24

Primary Trains

Depot	Train No	Nos of rake	Freq. of Maint.	Train Name	From	To
BSBS	12559/60 (LHB)	2	7	Shiv Ganga /	BSBS	NDLS
	12581/82 (LHB)	2	6	BSBS-NDLS Superfast Express	BSBS	NDLS
	22536/35 (LHB)	1	1	Rameshwaram Express	BSBS	RMM
	15127/28LHB)	2	6	K.V. Express	BSBS	NDLS
	15103/04 (LHB)	1	2	BSBS-GKP Express	BSBS	GKP
	15126/15125 (LHB)	1	2	Janshatabdi Express	BSBS	PNBE
	01748/47 (ICF)	3	7	Passenger	BSBS	PRRB
	15107/08 (ICF)	1	2	Passenger	BSBS	LKO
	22541/42 (ICF)	1	2	Express	BSBS	LKO
	15119/20 (LHB)	3	7	DDN- BSBS Express	DDN	BSBS
	Total	17	6.04			
CPR	15159/60 (LHB)	3	7	Sarnath Express	CPR	DURG
	15101/02 (LHB)	1	1	Jansadharan Express	CPR	LTT
	22531/32 (LHB)	1	3	CPR-MTJ Express	CPR	MTJ
	15115/16 (LHB)	1	1	CPR-DLI Express	CPR	DLI
	15113/14 (ICF)	2	4	Gomtinagar Express	CPR	GTNR
	05063/05064 (LHB.)	1	1	CPR-LTT Express	CPR	LTT
	15106/11 (ICF)	4	3	CPR-BCY Express	CPR	BCY
	Total	11	2.86			
MAU	15025/26 (LHB)	1	1	MAU-ANVT Express	MAU	ANVT
	22539/40 (LHB)	1	2	MAU-ANVT Express	MAU	ANVT
	05443/44 (ICF)	4	7	Passenger	MAU	CPR
	05149/50 (ICF)	2	2	Passenger	BTT	BHJ
	05181 (LHB)	1	1	MAU-LTT	MAU	LTT
	Total	8	1.88			
BCY	15132/31(ICF)	2	4	GKP EXPRESS	BCY	GKP
	01748/05445(ICF)	2	4	BCY-BTT-CPR	BCY	BTT
	15111/15112	2	4	BCY-CPR INTERCITY	BCY	CPR
	Total	6	1.713			
BUI	05167/68 (ICF)	1	2	Passenger	BUI	SHG
	05171/72 (ICF)	1	2	Passenger	BUI	BCY
	05169/70	1	2	Passenger	BUI	PRRB
	Total	3	0.9			
Total	25 (Trains)	45				

Secondary Trains

Depot	Train No	Nos. of rake	Freq. of Maint.	Train Name	From	To
BSBS	17323/24 (ICF.)	1	1	BSBS-UBL EXPRESS	UBL	BSBS
	22969/70 (ICF.)	1	1	BSBS-OKHA EXPRESS	OKHA	BSBS
	12945/46(ICF)	1	1	BSB Weekly exp	BVC -	BSBS
	16367/68(LHB)	1	1	Kashi -tamil sangamam	CAPE-	BSBS
		2	0.28			
CPR	22669/70 (ICF.)	1	2	MAS-CPR Exp	MAS	CPR
	07651/52 (ICF)	1	1	Jalna Express	CPR	J
		1	0.42			
BUI	01025/26 (ICF)	1	3	DR-BUI EXP.	DR	BUI
		1	0.42			

ART/ARME/SPARMV

Depot	Type	Coach Composition	Exit	GPS	ART Class	SPART	ARME
BSBS	SPARMV	3 COACH SPARMV	Double	Available		YES	
CPR	SPARMV	3 COACH SPARMV	Double	Available		YES	
MAU	ART	3+2=5Coach	line is double exit	Available	A		YES
	ARME						
	140 T CRANE	06-Coach	Single exit		A		

Mechanized Laundries

S.N	Station	Capacity	Present Load	Capacity expansion planned for which LOA is already issued	Train no.	Commissioned on	Remark
1	BSBS	3.0 T / shift	6.0 T/day	2.0 T/Shift	12559/60,12581/82,1 5127/28, 22541/42, 22536/35, 15119/20 Training School Hostel BSBS	05.05.14	Fully operational
2	CPR	2.0 T/ shift	4.5 T/day	2.0 T/Shift	15159/60,15115/16, 22531/32,15113/14, 22539/40, 15025/26, 15028 and 15027 (GKP Depot) Running Room CPR, BUI, BTT, SV, THE	01.09.16	Fully operational
3	GCT	1.0 T/ shift	1.0 T/ day	1.0 T /Shift	Linen is supplied to BSBS Depot	29.09.22	Fully operational

Watering Facility(Hydrant)

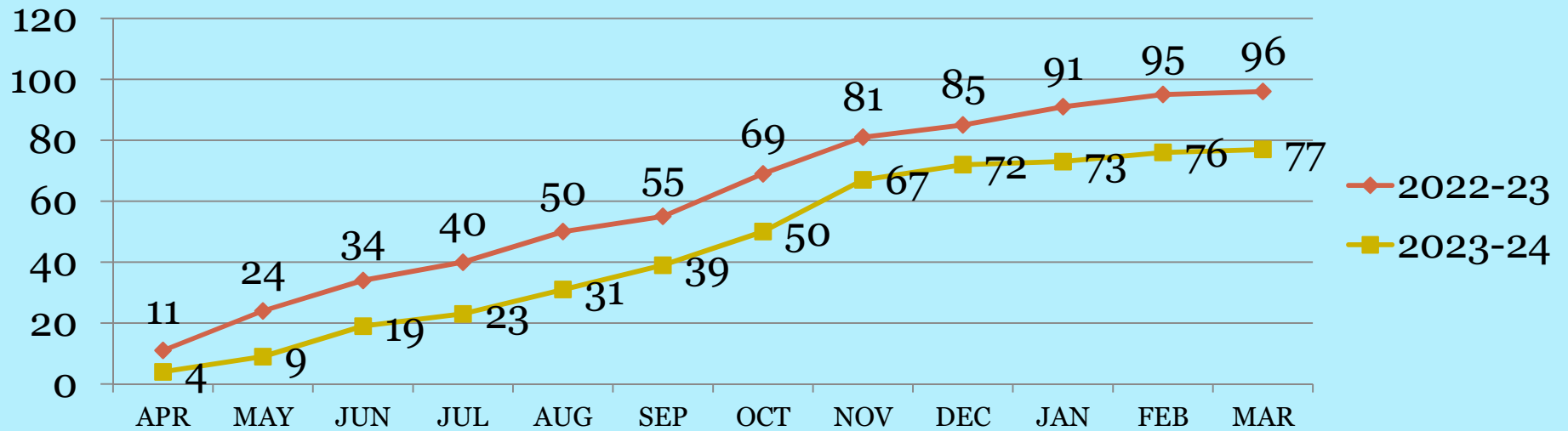
Depot	P.F. NO.	LENGTH (meter)	CAPACITY	DIA OF HYD. PIPE	Remarks
CPR	1	570	26	6"	Quick Watering System Available
	2	600	26	6"	
	3&4	600	26	6"	
	5	600	26	6"	
BSBS	1	470	21	6"	Quick Watering System Available
	2	600	26	6"	
	3	600	26	6"	
	4	600	26	6"	
	5-6	600	26	6"	
	7	600	26	6"	
	8	600	26	6"	
MAU	1	650	27	6"	Quick Watering system Available
	2	650	27	6"	
	3	650	27	6"	
	ART siding	88	4	3"	
BUI	1	610	27	4" & 6"	
	2	576	25	6"	Hydrant was dismantled on temporary basis from Engg. Side.
	3 & 4	600	26	6"	

04-Apr-24

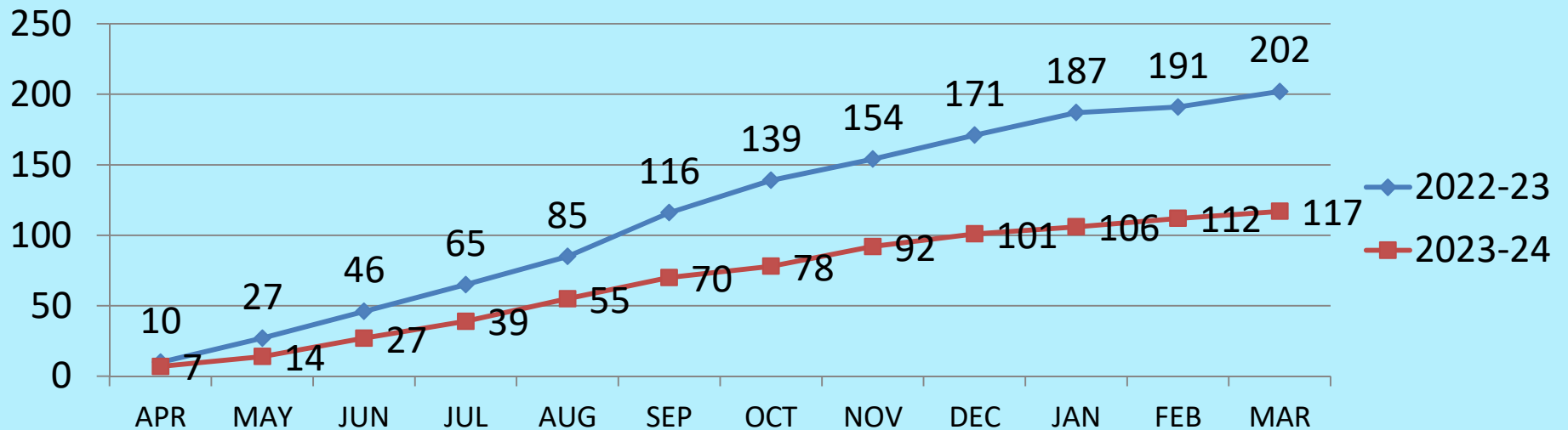
Watering Facility(Hydrant)

Depot	P.F. NO.	LENGTH (meter) ³¹	CAPACITY	DIA OF HYD. PIPE
BCY	1 & 2	550	26	6"
	3 - 4	550	24	6"
	5	540	24	6"
BTT	1	425	19	6"
	2	600	26	6"
	3 & 4	460	18	3"
	5	460	21	6"
SV	1	610	27	6"
	3	598	26	6"
	4	265	12	6"
PRRB	1	450	20	6"/3"
	2	250	11	3"
	3	320	14	3"
AMH	1	570	25	6"
	2	633	27	6"
	3	600	25	6"
GCT	1	600	26	6"
	2	600	26	6"
THE	1,2 & 3	600	26	6"
CI	3	520	25	6"

Punctuality Loss Cases (DCW) (Comparative)



Asset Failure Cases



Asset Failure 2023-24 (Till Jan-24)

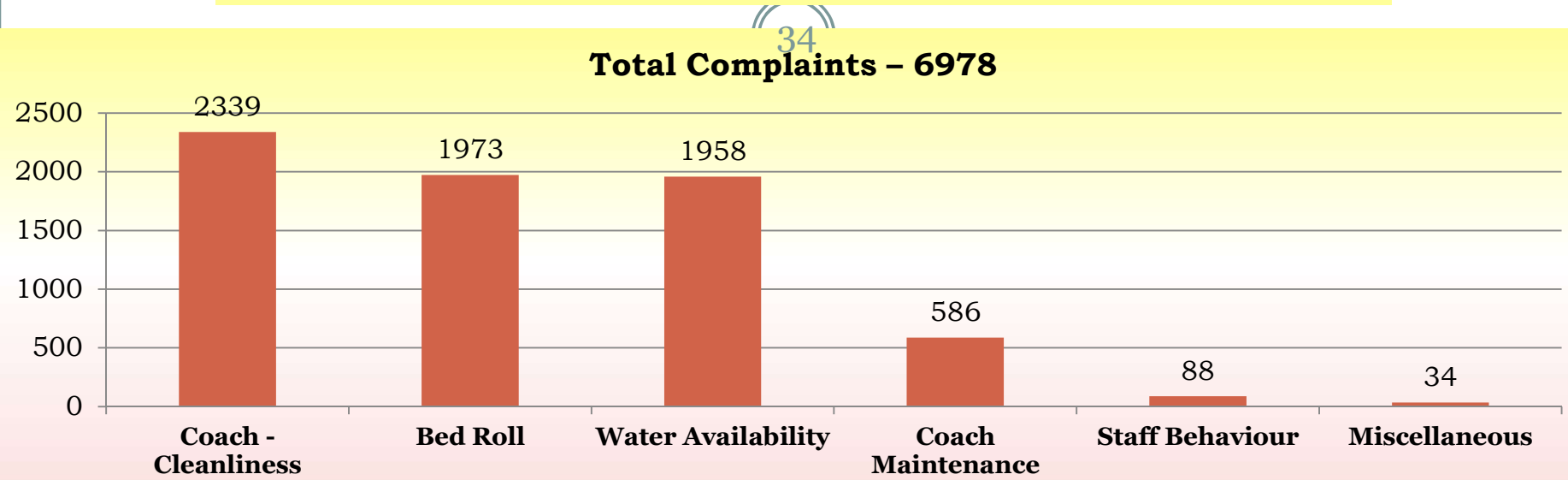
FY	Hot Axle	Coach Detachment	Wagon Detachment	Total Asset Failures	Failures on C&W other
2022-23 (Till Dec. 22)	1	2	2	187	95
2023-24 (Till Dec. 23)	0	0	0	106	62
% age Improvement	100%	100%	100%	43.3%	35%

False Reporting Cases 2023-24 (Till Jan-24)

False Reported cases – **24 cases**

RAIL MADAD AT A GLANCE

Type wise complaints status from April to Jan. 2024



Comparison with Previous Month

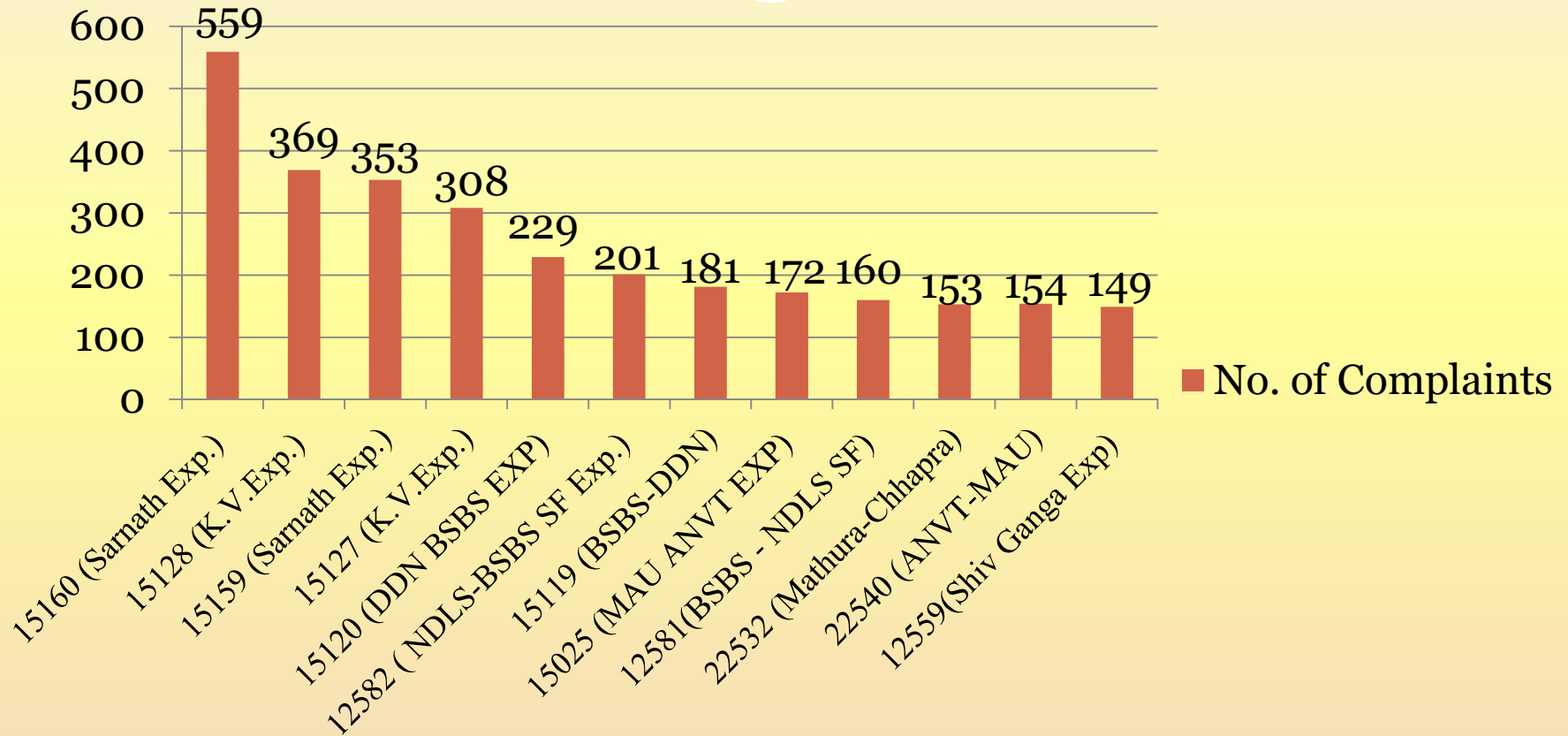
Month	Coach-Cleanliness	Bedroll	Water Availability	Coach Maintenance	Staff Behaviour
Nov-23	528	343	395	94	15
Dec-23	299	174	233	74	5
% age Improvement	43%	49%	41%	21%	67%

04-04-2024

Bottom Trains

(Based On Number of Complaints April 2023 – 31 Jan. 2024)

No. of Complaints



❑ Out of 5193 complaints in 95 trains, 58.3% complaints are responsible for above trains.

04-Apr-24

Cause Wise Top 5 Bottom Trains of C&W/BSB (Complaints April 2023-Jan. 2024)

36

Sl. No.	Train No.	Bed	Coach	Coach	Staff	Water	Grand
		Roll	Clean.	Maint.	Behav.	Avail.	Total
1	15160 (Sarnath Exp.)	136	245	34	6	138	559
2	15128 (K.V.Exp.)	209	71	21	3	65	369
3	15159 (Sarnath Exp.)	116	137	40	9	51	353
4	15127 (K.V.Exp.)	155	58	19	14	62	308
5	15120 (DDN BSBS Exp)	60	88	33	3	45	229

04-Apr-24

Cause Wise All Bottom Trains of C&W/BSB (Complaints April 2023-Jan. 2024)

37

Sn	Train No	Bed Roll	Coach Clean.	Coach Maint.	Staff Behav.	Water Avail.	Grand Total
1	15160 (Sarnath Exp.)	136	245	34	6	138	559
2	15128(K.V.Exp.)	209	71	21	3	65	369
3	15159(Sarnath Exp.)	116	137	40	9	51	353
4	15127(K.V. Exp.)	155	58	19	14	62	308
5	15120 (DDN BSBS Exp)	60	88	33	3	45	229
6	12582 (NDLS-BSBS SF Exp.)	67	82	16	3	33	201
7	15119(BSBS-DDN)	52	72	18	1	38	181
8	15025(MAU ANVT EXP)	50	65	12	7	38	172
9	12581(BSBS - NDLS SF)	70	39	24	4	23	160
10	22532(Mathura-Chhapra)	45	82	7	2	17	153
Total		960	939	224	52	510	2685

Action Plan

Train No.	38 Action Plan
15160	<ol style="list-style-type: none"> 1. End to end Monitoring through staff is being done. 2. Regular contact with C&W control BSB for proper cleaning at BSB, PRYJ, KTE. 3. Regular contact with OBHS supervisor & Monitoring staff for en-route cleaning at regular intervals.
15159	<ol style="list-style-type: none"> 4. Regular counseling of OBHS staff on platform before departure of trains. 5. Proper attention on cleaning of rake is given in washing pit. 6. A local Control office is established in coaching depot Chhapra to mitigate the same.
15120	<ol style="list-style-type: none"> 1- During washing pit maintenance, in route complaints are being thoroughly scrutinized. 2. OBHS staff are being properly monitored and counseled.
15025	<ol style="list-style-type: none"> 3- OBHS staff are taking prompt action at regular intervals or complaints received.
12582	<ol style="list-style-type: none"> 4- A 24x7 complaint cell has been set up to reduce rail help complaints. 5- Proper feedback of passengers is being taken.

04-Apr-24

Bottom Performing Trains BSB Division **October-23 (01.10.23 to 31.10.23)**

Coach Cleanliness

S.No.	Train No 39	No of Complaints
1	15159	23
2	15160	23
3	22532	16
4	15120	15
5	15119	14

Bottom Performing Trains BSB Division
October-23 (01.10.23 to 31.10.23)

BED ROLL

S.No.	Train No	No of Complaints
1	15128	26
2	15159	22
3	15127	14
4	15160	11
5	15120	9

- ☐ TOTAL CASE OF BED ROLL IN OCT 2023 = 180
- ☐ 45.5% CASE IS RELATED WITH ABOVE TRAIN

04-Apr-24

PH-42

Financial Year	Total Ongoing Works	Target for deletion in FY 2023-24	Work already deleted between Apr-23 to Dec-23	Work to be deleted between Jan-24 to Mar-24	Target for deletion in FY 2024-25
2023-24	27	13	6	7	9

CAPEX Booking (RG 2023-24)

Allocation	RG 23-24 (After Re-appropriation)	Expenditure Apr-23 to 08.Jan.24	% Expenditure Booking
DF-3	21670	15416	71.13
DRF	15031	15029	100
CAP	113411	87433	75.31
RRSK	5543	5543	100
TOTAL	155655	123421	79.3

(Figures in thousand)

Ongoing works under PH-42

Sl . N o	Yea r of san s.	Short name of work	All o.	Last sanct ioned cost	Total Exp. Till Dec. 23	Remarks	Physi cal progr ess (%)	Financ ial progre ss (%)	TDC (as per IRPS M portal
1	20-21	Construction of Washing pit No. 01 (550 m long) with L & Central catwalk at Coaching Depot Manduadih.	CA P DR F	2586 5 4793 1	73411	Engg -Major work completed , Approach Road,path way work is in progress. Elec-CS sent to Engg on 14.09.23	Engg -98 Elect -100	99.47	31.1.2024
2	19-20	Supply , installation , testing and commissioning of Automatic Coach Washing Plant on turnkey basis at DEMU shed Aunrihar .	CA P	2126 9	20612	CS has been sent to Engg. for deletion of work from IRPSM	Mech -100 Elect -100	97	15.01.2024
3	20-21	Provision of boundary wall for coaching complex at varanasi city	DF-3	9548	414	Boundary wall - Out of 1200m, 350m work completed. Previous tender terminated. Fresh LOA issued on 05.09.2023. Work in progress.	30	4.33	04.9.2024
4	21-22	Provision of 750 V Local Power Supply System and allied work for maintenance of HOG rake at MAU Depot .	CA P	15613	9844	Work physically completed & commissioned	100	63	30.6.2024
5	21-22	Provision of 750 V Local Power Supply System and allied work for maintenance of HOG rake at BCY Depot .	CA P	14914	8985	Work physically completed & commissioned but cable(4 core*300mm) length 1216 meter is under procurement	100	60	30.6.2024
6	21-22	Provision of 750 V Power Supply for Maintenance of HOG-compliant rakes in washing /sick line of maintenance depot at CPR	CA P	1325 4	11241	Work physically completed & commissioned but cable (4 core*400 mm) length 800 meter is under procurement	100	85	30.6.2024
7	21-22	Provision of New Watering Hydrant at CI, ARJ and Dismantling, repair and re laying of existing Watering Hydrant at MUV, BCY and GCT	CA P	9716	5745	1. Laying of new hydrant pipe line at CI, ARJ & repair & relaying of hydrant pipe line at BCY,MUV,GCT-All work completed.	100	59	29.2.2024

04-04-2024

42

S. N.	Year of sanctions.	Short name of work	All o.	Last sanctioned cost	Total Exp . till Dec / 23	Remarks	Physical progress (%)	Financial progress(%)	TDC (as per IRPSM portal
8	21-22	Provision of Hydrant And charging Facilities at THE station	CAP	24813	16955	Elect.- Cable laying at PF 01 & 02 completed . Pre cooling box material manufacturing under progress by the firm.rail post provided to firm for erection but erection work yet to be done. .Engg.- Work Completed .Mech.- Work completed & commissioned on 17.02.23. 10% bill will be passed after 01 year comm.	Engg -100 Mech -100 Elect -85	68.33	31.3.2024
9	21-22	Manduadih –Provision of RCC Drain with cover for improvement of drainage system in coaching depot	DRF	19019	944	Some hume pipe work has been done . Work is held up during a long time but as per Engg department work will be started earlier..	30	05	31.3.2024
10	21-22	Thawe Jn.- Provision of Turn round maintenance facilities .	DF-3	21124	11822	Mech-1. Provision of watering hydrant at PF no 03(600 m length)- completed. 2. Provision of rolling in/out hut- Work completed. Engg-1. Train passing office building (6X5 m) with attached toilet - completed. 2. Drain with cover (approx. 600 m length)-completed Electrical : Approx 90% work completed (inspection light & rolling light)	90	56	31.01.2024
11	21-22	Varanasi – Provision of New Watering hydrant , dismantling replacement repair relaying painting of hydrant pipeline in BSB Divn.	CAP	10593	6277	BUI Station.-work completed BTT station-work completed. SV Station.-work completed. PRRB station- work is in progress. Painting work is 90% completed .	90	59.24	31.1.2024
12	21-22	Chhapra – Up-gradation of sick line & repair of service building of Coaching Depot Chhapra.	CAP & DRF	18896	12587	Engg.- work completed (Replacement of old roof sheet by galvanum sheet-work completed, Repair of plaster, painting of service building, RCC flooring in machine room,tiles work -work completed). Mech-1. 01 no EOT crane 25/5 T cap. Indent has been placed to store on 09.10.23. Tender has been floated & will be opened on 15.2.2024	75	53.41	31.12.24
	04-04-2024							43	

S. N.	Year of sanctions.	Short name of work	All o.	Last sanctioned cost	Total Exp . till Dec / 23	Remarks	Physical progress (%)	Financial progress (%)	TDC (as per IRPSM portal
13	22-23	Mau Jn.- Provision of developing the infrastructural facilities for maintenance of 140 T break down crane at MAU	CA P	67795	0	Total 24 M&P/T&P items have been sanctioned, 22 indent has been placed to Div. store for procurement. 02 item has supplied Engg. : LOA issued on 18.11.2023 Elect.: Tender will be opened on 01.2.2024	0	0	31.12.24
14	22-23	Banaras – Provision of facilities for Train set Maintenance in coaching depot Banaras	DF 3	15557	1397	Elect/TRD - 25 KV electrification LOA issued on 21.2.2023, work for erection of OHE for stabling line no 25 & CNC pit wheel lathe line is completed, for washing line work is in progress. . Mech -Work completed(All item has supplied)	70	9	31.3.2024
15	22-23	Chhapra – Augmentation and up-gradation of coaching Depot Chhapra based mech. laundry	DF 3	17981	7374	All laundry machines & equipment has supplied. Engineering : Building work is approx. completed, roof has casted, finishing work is under progress. Repair of path way work yet to start. Electrical : Work yet to start.(VCB, Transformer is yet to supply after RITES inspection ,cable is under procurement).Improvement of lighting & wiring work will be done earlier.	70	41	31.01.24
16	22-23	At BSBS :- Up-gradation of Coaching Depot Banaras based mech. laundry	DR F	16121	6341	All laundry machines & equipment have been supplied. Engineering : False ceiling work is in progress & control panel room for AC unit is under construction & tiles work yet to start. Electrical : Wiring work & ducting work have completed. And AC unit has received. Rest work in progress with engg.	70	39.33	29.02.24

Ongoing works details year wise(PH 42)

Sanc. Year	Total work	Work may be deleted in 23-24	Work deleted between April to Nov./23	Work may be deleted between Dec. 2023 to March/2024	Work may be deleted between FY 2024-25
2019-20	4	4	2	2	0
2020-21	4	3	0	3	0
2021-22	11	06	01	05	05
2022-23	04	0	0	0	04
2023-24	04	0	0	0	0
Total 04-Apr-24	27	13	3	10	09 45

PH-41

CAPEX Booking (RG 2023-24)

Allocation	RG 23-24	Expenditure Apr-23 to Jan- 24	% Expenditure Booking
DF-3	4336	93	2.14
DRF	1186	1182	99.66
CAP	5130	5130	100
RRSK	0	0	0
TOTAL	10652	6320	59.33

(Figures in thousand)

PH-21

CAPEX Booking (OBO) (RG 2023-24)

Allocation	RG 23-24	Expenditure Apr-23 to Jan-24	% Expenditure Booking
CAP	5000	0	0

(Figures in thousand)

RSP POSITION

S.N.	Description	Proposal No.	Qty.	Total Cost of Work (In Thousand of rupees)	Allocation	Current Status
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STATUS OF SANCTIONED RSP PROPOSALS (As on 31.01.2024)

1	Proposal of Unit Exchange for LHB spares (76 items) (Stock + Non Stock Items PB 576 /23-24 Qty- 100 items	PB Item No. 576/23-24	100 Items (Stock + Non Stock)	Sanctioned cost = 61800129 .59	CAP	Total Non Stock = 34 Items 32 Items = Indent sent to divisional store . 02 Items = Indent to be sent to divisional store and then PO to be issued by divisional store for procurment from PCMM/ICF. 66 Items = 66 Items one time demand letter sent to Dy CMM/GKP
2	Proposal of Unit Exchange for LHB spares (76 items) (Stock + Non Stock Items (umbrella work 22-23) PB 1257/22-23	PB I No. 1257/ 2022-23	Sanct. Qty - 04 items	Sanc. Cost - 1364 (in thousand of Rs)	CAP	Total Non Stock Items = 04 Nos. 02 Item indent at store end for process. 01 Item tender opened and sent to store after technical comments on 01 Item Tender floated and to be opened on 12.02.24

MECHANIZED LAUNDRY MACHINES SUPPLIED FOR CAPACITY ENHANCEMENT (UNDER PH 41 & PH 42)

Machines Supplied under Additional Account					
SN	Machine Description	Qty.	Allocation	Plan Head	Remarks
1.	Industrial Washer Cum Extractor , Cap. -60 kg	01 No.	DF-3	42	Total Washer Supplied = 03 (02- Replacement account for BSBS, 01 – Additional Account for CPR
2.	Industrial Washer Cum Extractor , Cap. -60 kg	04 Nos.	DF-3	41	Total Washer Supplied = 06 (02 –Additional Account for BSBS , 02- Additional Account for GCT , 01- Replacement account for BSBS , 01- Replacement Account for CPR)
3.	Industrial Flat Work Ironer	01 No.	DF-3	42	Total Ironer supplied = 02 (01- Additional Account for CPR , 01- Replacement Account for BSBS)
4.	Industrial Flat Work Ironer	02 Nos.	DF-3	41	Total Ironer supplied = 03 (01- Additional Account for BSBS, 01- Additional Account for GCT , 01- Replacement Account for BSBS)

OVERALL CAPACITY ENHANCEMENT OF BSB DIVISON DUE TO ABOVE SUPPLIED MACHINES :-

2.5 Ton/ Shift (Break up-01 Ton/shift BSBS, 01 Ton /shift GCT & 0.5 T/shift CPR
(i.e. 1T+1T+ 0.5T=2.5T)

04-Apr-24

Status of Budget Position of C&W Department

D. No.	PU	Actual Expenditure 2022-23	Budget Estimate 2023-24	Budget Grant 2023-24	Revised Estimate 2023-24	Actual Expenditure (Apr-23 to Jan-24)	R.B.G 2023-24	Balance =(RBG 2023-24- EXP.)
06-200	27	69125	136866	112259	112259	67142	121663	14290
	28	3006	15000	8882	8882	4274	6143	1869
	32	22818	32066	25492	28328	22426	21352	-1074
07-300	28	149	500	317	240	99	166	67
	32	6487	6240	3799	9380	7263	7865	1415
08-580	27	22540	38000	20000	42505	55686	42236	42198
	31	50505	42100	0	42060	31237	42060	15256
	32	78679	90000	65000	101220	66972	70428	3456
08-590	28	146	2500	1184	2500	75	572	497
	32	148745	181928	142864	183815	131940	127898	-4042
09-280	27	0	0	0	0	0	0	0
	28	0	5000	3084	3084	145	2533	2388
	32	92863	107738	70301	101684	66443	69775	3332
Total	27	91665	174866	132259	154764	122828	163899	56488
	28	3301	23000	13467	14706	4593	9414	4821
	31	50505	42100	0	42060	31237	42060	15256
	32	349592	417972	307456	424427	295044	297318	3087
Grand Total		495063	657938	453182	635957	453702	512691	79652

(Figures in thousand)

Status of Budget Position of C&W TSD/ARJ

D. No.	PU	Actual Expenditure 2022-23	Budget Estimate 2023-24	Budget Grant 2023-24	Revised Estimate 2023-24	R.B.G 2023-24	Actual Expenditure (Apr-23 to Jan-24)	Balance= (RBG 2023- 24- EXP.)
06-400	27	448	8000	6562	6562	6416	375	6041
	28	1113	5000	2961	1350	934	1380	-446
	32	2880	10000	7950	11059	8335	5483	2852
06-700	27	25646	42000	34449	33714	32966	18777	21673
	28	2130	10000	5921	10800	7471	2820	4651
	32	34300	44549	35415	39748	29959	43027	12803
Total	27	26094	50000	41011	40276	39382	19152	27714
	28	3243	15000	8882	12150	8405	4200	4205
	32	37180	54549	43365	50807	38294	48510	15655
Grand Total		66517	119549	93258	103233	86081	71812	47574

(Figures in thousand)

Key Performance Indicators (KPI)

S.N.	KEY PERFORMANCE INDICATOR		UNIT OF MEASURE- MENT	ANNUAL TARGET	CUMULATIVE PERFORMANC E UP TO Jan- 24
1.	(a) Capital Expenditure		Rs. In Cr.		
	(b) Timely finalization of tenders except stores tenders (Data from IREPS + GeM)	(i) Direct acceptance cases- Finalized with in 45 Days / Total cases finalized	%	100 %	100%
		Total cases finalized	Nos.	01	01
		(ii) Tender committee cases- Finalized with in 60 Days / Total cases finalized	%	100%	100%
		Total cases finalized	Nos.	02	02
	(d) Total nos. of outcome based service contracts finalized in 2023-24/ Total nos. of service contracts finalized in 2023-24		%	100 %	100%
	(e) Reduction in expenditure in service contracts finalized in current financial year over last FY.		%	30%	18.60%
	(f) Deletion of works from IRPSM (Total works with physical completion >=99% on opening day of FY)		No. of works	08	07

Key Performance Indicators (KPI)

S.N.	KEY PERFORMANCE INDICATOR	UNIT OF MEASUREMENT	ANNUAL TARGET	CUMULATIVE PERFORMANCE UP TO Jan-24
	Asset Reliability (Average increase in asset reliability / improvement over last year):- All data as per ICMS			
2.	(i) Coach detachment (Ownership Basis) per 1000 coach holding	% improvement over 2022-23	5% improvement over 2022-23	0
	(ii) Wagon detachment (Territorial Basis) Avg. wagon holding	% improvement over 2022-23	5% improvement over 2022-23	0
	(iii) C & W Other Failures (Territorial Basis)	% improvement over 2022-23	5% improvement over 2022-23 (97 Cases till 20 th Feb.- 23)	29% (64 cases till 20 th Feb.-24)
3.	Improvement in Safety performance			
	(a) Hot Axles (ownership basis)	Nos.	0	0
4.	(a) Training of Employees – Total trained at training institutes in current financial year/ Avg. total employees on roll	% improvement over financial year 2022-23	5%	7.77%

RDSO Modifications

S. No.	Modification	No. of coaches modification is to be done	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)
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.	422	393	29	It is being done by GKPS & Tender is available in BSB Division for 225 coaches. Work through this tender is also in progress.
2	SAE 100 R3 type hose pipes in place of SAE 100 RI AT (less flexible) to be used	422	262	160	600 nos. SAE 100 R3 type air hose has arrived at GKP Store Depot.
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.	422	61	330	Tender opened on 10.01.2024. LOA under vetting. DOC 31/3/24.
4	Modification of installation lever assembly.	All completed			
5	Modification in AAR-H type head tight lock CBC Escorts make	All completed			
6	Provision of dog box in LWLRRM	All completed			
7	Provision of Aspiration type smoke detectors in lavatory area in AC Coaches.	All completed			
8	Provision of Fire detection and suppression system in Power Cars & Pantry Cars	All completed			
9	Provision of fire & smoke detection system in AC Coaches	285	280	6	Being done by GKPS.

WSP Modifications

Consolidated instructions regarding modifications for addressing the problem of Wheel Shelling in LHB Coaches has been issued vide RDSO letter no. MC/LHB/Brake dated 15.04.2019

S. No.	Modification	No. of coaches where modification is to be done	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)
A	Choke size of Dump valves of WSP system in LHB coaches	All completed			
B	Modification in Air brake pipe line & associated fittings in LHB coaches.	All completed			
C	Revised wiring scheme for WSP System of LHB Coaches	507	400	107	Being done by GKPS.
D	Ensuring integrity of electrical connection of WSP system and free movement of callipers	All completed			
E	Self-lubricating Bushes for Brake Calipers/Actuators	507	498	9	Being done by GKPS.
F	Brake Cylinder Pressure	All completed			

Quality of POH & failure within 100 days

FY	Depot				Total
	BSBS & BCY	CPR & BUI	MAU & GCT	ARJ	
2022-23	2	9	1	0	12
2023-24	0	0	0	0	0

Bio-toilet, Effluent Testing, Status of LAB

Instruction	Reference letter/ document	Depot	Coach Holding	Testing of samples done in previous month	Testing average per day (12/23)	Cumulative total for current FY 23-24
5% Quarterly Sample Testing of Total Holding	IRCAMTECH.M.G WL.Bio-toilet dated 13.08.2018	BSBS	337	120	4	1059
		CPR	274	62	2	1008
	Compendium on IR-DRDO Bio- toilet	MAU	173	17	0.95	264
One toilet from 10% of coaches of Primary Pit Rake	2021/M(C)/141/2 Pt2 Dated 15.12.2022	TOTAL	784	199	6.95	2331

Retendering done for setting up of Bio-Toilet Lab at **BUI, MAU, ARJ & BCY.**

04-04-2024

TOD – 10.02.2024

55

POH feed arising of Coach

Month	SS-1			IOH			SS-2		POH	
	Arising	Done	Balance	Arising	Done	Balance	Arising	Booked	Arising	Booked
Mar-24	16	0	0	16	0	0	12	1	11	0
Apr-24	38	0	0	14	0	0	13	0	10	0
May-24	18	0	0	11	0	0	1	0	8	0



VARANASI DIVISION

(Mechanical Department)



Topic for Today's Presentation

**“Action Plan for Zero Defect (Mechanical + Electrical)
for Shivganga Express
with PDC”**

“Action Plan for Zero Defect (Mechanical + Electrical) for Shivganga Express with PDC”

❑ Top 5 areas of improvement are as follows –

S. No.	Head (Area of Focus)	Sub Head (1st)	Sub Head (2nd)
1	Electrical Equipments	Air Conditioner	Charging Point
2	Bedroll	Dirty/Torn	Non-Availability
3	Coach-Cleanliness	Coach Interior	Toilets
4	Water Availability	Toilets	Washbasin
5	Coach-Maintenance	Window/Seat Broken	Door Locking Problem

(Additional Initiatives) (Mechanical)

- ❑ “Adarsh Train” :- Nomination of Officer in-charge for 12559/60 each week for conducting special exclusive checks.
- ❑ Zip Assisted Blanket covers in 1st AC coach
- ❑ Coach Announcement System for Clean Coach
- ❑ Roller brushes for rexine and Magic Brush for Mirror cleaning
- ❑ Retro-reflective tape in Aisle area of coaches
- ❑ Foot Rug for passengers to avoid foot-marks during wet floors (before boarding)
- ❑ Coach Announcement System for Clean Coach
- ❑ Feedback is taken by Div. Control for each complaint to ensure satisfactory redressal
- ❑ Quick response & Swachh Stickers for Coach Aesthetics
- ❑ D&ED installed in coaches is regularly checked and work for avoiding rodent entry is being done in AC coaches.
- ❑ All the protective devices like fuses, MCB, MPCB etc. installed in the coaches are regularly checked and replaced if found faulty.

(Additional Initiatives) (Electrical)

- ❑ In every trip, the pump installed in the coach is checked, its water flow pressure is checked and the pump is earthed.
- ❑ The emergency light unit is checked on every trip and the staff is made aware of its maintenance.
- ❑ Only glass fuse of proper rating (0.5 amp) is always used in mobile charging point.
- ❑ Status of all deficiencies of both the rakes are being ensured at officer level.

4. PDC for Implementation

- ❑ **Implementation is already in progress.**
- ❑ **The PDC for achieving Zero Defect in 12559/60 Shivganga Express is 30.06.2024**

Condition of Rolling In & Rolling Out Light

SN	Station	Line No.	No. of Rolling Lights (Some of both side & end)	Working	Not Working	No. of Rolling light out of focus (projection is not as per camtech manual)	Remark
1	BSBS	1,2,3,4,5,6,7,8	32	32	Nil	NIL	NIL
2	MAU	1,2,3,6	16	16	Nil		
3	CPR	1,4,5,6,7	20	20	Nil		
4	BTT	1,3,4,5,6	20	20	Nil		
5	BCY	1,2,3,4,5	18	18	Nil		
6	GCT	1,2,3,4,5,6	24	24	Nil		
7	BUI	1	4	2	Nil		
		2	4	2	Nil		
8		3	4	4	Nil		
9		4	4	3	Nil		
10		5	3	1	Nil		

Condition of Rolling In & Rolling Out Light

SN	Station	Line No.	No. of Rolling Lights (Some of both side & end)	Working	Not Working	No. of Rolling light out of focus (projection is not as per camtech manual)	Remark
11	SV	1,2,3,10	14	14	Nil	NIL	NIL
12	THE	1,4,5	6	6	Nil		
13	PRRB	1	2	1	-		Rolling light removed for platform extension work
14		2	1	1	Nil		
15	BSB	1,2	4	4	Nil		NIL

Condition of Washing Pit Light

Depot	Washing Pit No	Under Pit/Dug light					Under Catwalk					Over head light				
		Total fittings	Working	Not Working	Missing	Lux level of Light	Total fittings	Working	Not Working	Missing	Lux level of Light	Total fittings	Working	Not Working	Missing	Lux level of Light
BSBS	1	218	218	NIL	NIL	126	206	206	NIL	NIL	158	30	29	1	NIL	136
	2	154	110	44	NIL	102	175	150	25	NIL	104	60	59	1	NIL	134
	3	235	190	45	NIL	103	176	150	26	NIL	101					
CPR	1	260	245	4	11	105	230	205	20	5	106	58	54	4	0	119
	2	250	231	7	12	104	243	229	14	0	105					
BUI	1	311	300	11	0	107	189	186	3	0	95-120	49	48	1	0	115-125
MAU	1	228	223	3	2	90-100	192	189	2	1	100-110	40	40	0	0	100-115
AMH	1	NIL	NIL	NIL	NIL	-	212	90	69	53	96-102	22	20	2	0	107
GCT	1	NIL	NIL	NIL	NIL	-	NIL	NIL	NIL	NIL	-	47	46	1	0	67
BCY	1	178	159	19	NIL	99-110	194	178	16	0	99-101	36	36	0	0	180-182
ARJ	1	NIL	NIL	NIL	NIL	-	296	290	5	1	121	94	91	3	0	160



VARANASI DIVISION

(Mechanical Department)



(Rake-1 Electrical Equipment Status)

Train No. :- 12559/60 (Rake - 01)																	
S. N.	Coach No	Coach Type	HRC FUSE	RBC & EBC	Pump & Pump Cont.	Contact	Blower	Condenser	CMP	CPU	Battery Voltage	60/95 KVA Transformer	MCP	ELU	FAN	LIGHT	MMR
1	183853/C	LWLRRM	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	OK
2	227782/C	LWACCW	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	OK
3	213104/C	LWACCW	OK	OK	OK	OK	OK	OK	OK	Working	123	OK	OK	OK	-	OK	OK
4	232237/C	LWFACW	OK	OK	OK	OK	OK	OK	OK	Working	122	OK	OK	OK	-	OK	1
5	224233/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	123	OK	OK	OK	-	OK	OK
6	224328/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	1
7	213317/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	OK
8	213953/C	LWACCN	Work out	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	OK
9	223648/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	123	OK	OK	1	-	OK	2
10	223865/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	121	OK	OK	OK	-	OK	OK
11	223653/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	119	OK	OK	OK	-	OK	OK
12	231120/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	118	OK	OK	1	-	OK	1
13	223667/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	118	OK	OK	OK	-	OK	OK
14	215188/C	LWSCN	OK	OK	OK	OK	--	--	--	--	117	OK	OK	OK	OK	OK	OK
15	225405/C	LWSCN	OK	OK	OK	OK	--	--	--	--	118	OK	OK	OK	OK	OK	OK
16	217566/C	LWSCN	OK	OK	OK	OK	--	--	--	--	121	OK	OK	1	OK	OK	1
17	235584/C	LWSCN	Work out	OK	OK	OK	--	--	--	--	121	OK	OK	OK	OK	3	OK
18	217574/C	LWSCN	OK	OK	OK	OK	--	--	--	--	124	OK	OK	OK	OK	OK	OK
19	217528/C	LWS	OK	OK	OK	OK	--	--	--	--	123	OK	OK	2	OK	OK	OK
20	174281/C	LWS	OK	OK	OK	OK	--	--	--	--	123	OK	OK	OK	OK	OK	OK
21	201795/C	LWS	OK	OK	OK	OK	--	--	--	--	123	OK	OK	OK	OK	OK	OK
22	217276/C	LSLRD	OK	OK	OK	OK	--	--	--	--	121	OK	OK	2	OK	OK	OK
Total Work Out			2	-	-	-	-	-	-	-	-	-	-	7	-	-	6



VARANASI DIVISION

(Mechanical Department)



(Rake-2 Electrical Equipment Status)

Train No - 12559/60 (Rake - 02)																	
S. N.	Coach No	Coach Type	HRC FUSE	RBC & EBC	Pump & Pump Cont.	Contact	Blower	Condensor	CMP	CPU	Battery Voltage	60/95 KVA Transformer	MCP	ELU	FAN	LIGHT	MMR
1	227093/C	LWLRRM	OK	OK	OK	OK	OK	OK	OK	Working	117	OK	OK	OK	-	OK	OK
2	211352/C	LWACCW	OK	OK	OK	OK	OK	OK	OK	Working	118	OK	OK	OK	-	OK	OK
3	244751/C	LWACCW	OK	OK	OK	OK	OK	OK	OK	Working	121	OK	OK	OK	-	OK	OK
4	232239/C	LWFACW	OK	OK	OK	OK	OK	OK	OK	Working	121	OK	OK	OK	-	OK	OK
5	223659/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	OK
6	231058/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	123	OK	OK	OK	-	OK	OK
7	213033/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	123	OK	OK	OK	-	OK	OK
8	231055/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	OK
9	223792/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	123	OK	OK	OK	-	OK	OK
10	213956/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	122	OK	OK	OK	-	OK	OK
11	224326/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	123	OK	OK	OK	-	OK	OK
12	212267/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	1
13	231075/C	LWACCN	OK	OK	OK	OK	OK	OK	OK	Working	124	OK	OK	OK	-	OK	OK
14	225402/C	LWSCN	Work out	OK	OK	OK	--	--	--	--	124	OK	OK	OK	OK	OK	1
15	215193/C	LWSCN	OK	OK	OK	OK	--	--	--	--	124	OK	OK	1	OK	OK	OK
16	225410/C	LWSCN	OK	OK	OK	OK	--	--	--	--	124	OK	OK	OK	OK	OK	2
17	225189/C	LWSCN	OK	OK	OK	OK	--	--	--	--	123	OK	OK	1	OK	3	OK
18	215697/C	LWSCN	OK	OK	OK	OK	--	--	--	--	121	OK	OK	1	OK	OK	2
19	193400/C	LWS	OK	OK	OK	OK	--	--	--	--	119	OK	OK	OK	OK	OK	OK
20	235600/C	LWS	OK	OK	OK	OK	--	--	--	--	118	OK	OK	OK	OK	OK	1
21	217530/C	LWS	OK	OK	OK	OK	--	--	--	--	118	OK	OK	OK	OK	OK	OK
22	225224/C	LSLRD	OK	OK	OK	OK	--	--	--	--	117	OK	OK	2	OK	OK	OK
Total Work Out			1	-	-	-	-	-	-	-	-	-	-	5	-	-	7

Coach Maintenance Facilities

Depot	Pit No.	Type	Design	Length	Capacity			OHE
					LHB	ICF	DEMU	
BSBS	1	3 Tier	CAMTECH	550	22	23	23	NA
	2	3 Tier	CAMTECH	600	24	25	25	NA
	3	3 Tier	CAMTECH	600	24	25	25	Y
	4	3 Tier	CAMTECH	550	22	23	23	N
CPR	1	3 Tier	CAMTECH	600	24	25	25	Y
	2	3 Tier	CAMTECH	600	24	25	25	Y
AMH	1	3 Tier	CAMTECH	600	24	25	25	N
BUI	1	3 Tier	CAMTECH	600	24	25	25	Y
MAU	1	3 Tier	CAMTECH	600	24	25	25	N
GCT	1	3 Tier	CAMTECH	600	24	25	25	Y
BCY	1	3 Tier	CAMTECH	600	24	25	25	N

Coach Repair Facility

DEPOT	SICK LINE	Sick line LENGTH (METER)	Sick line CAPACITY (COACHES) @ 35 m/coach	COVERED SHED - LENGTH (METER)	covered shed WIDTH (METER)	WORKING CAPACITY OF COVERED SHED @35m/coach (COACHES)
BSBS	1	230	6	140	14	4
	2	230	6	140	14	4
CPR	1	265	7	50+105	15	4
	2	215	6	50+105	15	4
AMH	1	50	1	0	0	0
BUI	0	0	0	0	0	0
MAU	1	63	2	35	18	1
	2	63	2	35	18	1
GCT	1	60	1	35	10	1

DEMU/MEMU Maintenance Facilities

Depot	Pit No.	Type	Design	Length	Capacity			OHE
					LHB	ICF	DEMU	
ARJ	1	2 Tier	Old	370			16	Y

Repair Shed Facility- TSD/ARJ

DEPOT	SICK LINE	Sick line LENGTH (METER)	Sick line CAPACITY (COACHES) @ 35 m/coach	COVERED SHED - LENGTH (METER)	COVERED shed WIDTH (METER)	WORKING CAPACITY OF COVERED SHED @35m/coach (COACHES)
Trainset Depot ARJ	Light Repair-1	370	16	370	15	16
	Light Repair-2	370	16	370	15	16
	Heavy repair-1	100	4	100	21	2
	Heavy repair-2	100	4	100	21	2

Status of Budget Position in BSB division in C&W (figures in thousand)

D. No.	PU	Expenditure 2022-23	B.E 2023-24	B.G 2023-24	Expenditure up to Oct.(2023- 24)	Revised estimate 2023-24	Budget estimate 2024-25
06-200	27	69125	136866	112259	91546	113750	136866
	28	3006	15000	8882	2866	8882	15000
	32	22818	32066	25492	15680	28328	32148
07-300	28	149	500	317	99	240	500
	32	6487	6240	3799	5040	9380	11177
08-580	27	22540	38000	20000	0	42505	46756
	31	50505	42100	0	18134	42060	46266
	32	78679	90000	65000	47571	101220	147453
08-590	28	146	2500	1184	75	2500	2500
	32	148745	181928	142864	86762	183815	186815
09-280	27	0	0	0	0	0	0
	28	0	5000	3084	0	3084	5000
	32	92863	107738	70301	44675	101684	109684

04-Apr-24

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Status of Budget Position in BSB division in C&W

(figures in thousand)

D. No.	PU	Expenditure 2022-23	B.E 2023-24	B.G 2023-24	Expenditure up to OCT (2023-24)	Revised estimate 2023-24	Budget estimate 2024-25
Total	27	91665	174866	132259	91546	156254	183622
	28	3301	23000	13467	3040	14706	23000
	31	50505	42100	0	18134	42060	46266
	32	349592	417972	307456	199728	424427	487277
Grand Total		495063	657938	453182	312448	637448	740165

Status of Budget Position in BSB division in DEMU SHED ARJ (figures in thousand)

D.No.	PU	Expenditure 2022-23	B.E 2023-24	B.G 2023-24	Expenditure up to Oct (2023-24)	Revised estimate 2023-24	Budget estimate 2024-25
06-400	27	448	8000	6562	375	6562	8000
	28	1113	5000	2961	598	1350	5000
	32	2880	10000	7950	3161	11059	15850
06-700	27	25646	42000	34449	11403	33714	42000
	28	2130	10000	5921	2059	10800	15000
	32	34300	44549	35415	14209	39748	47688
Total	27	26094	50000	41011	11778	40276	50000
	28	3243	15000	8882	2657	12150	20000
	32	37180	54549	43365	17370	50807	63538
Grand Total		66517	119549	93258	31805	103233	133538

CAPEX BOOKING (PH-41) (FY 2023-24)

(All cost in thousand of Rs. unless otherwise stated)

Allocation Head	BG 2023-24	Expenditure in 2023-24 (Upto 30.09.23)	Actual Expenditure in percentage (%)	Remark (Cost in thousand of Rs.)
CAP	4070	5130	126.04	--
DRF	820	1182	144.15	Fund Required :- 1. 430 (For HRD/CPR COFMOW TC of 20% Bill amount against HRD commissioning) 2. 708 (For SPART Tower Light MAU & CPR-06 Nos) PO issued) TOTAL = (430 + 708) = 1138
DF-3	8	113	1412.50	Fund Required :- 1. 1207 (For Fork Lift 03 T at BCY, Commissioned on 27.09.23, bill pending due to paucity of fund) 2. 2045 (For Fork Lift 05 T at ARJ, bill pending since 25.07.23 due to paucity of fund) 3. D shackle 40T (35 ,Bill pending due to paucity of fund) 4 799 (For Test Bench of Air Driers at ARJ under commissioning) 5. 236 (For SPART Tower Light MAU & CPR -02 No. PO issued) 6. 258 (For shackles 140 T crane Mau , material supplied but bill pending due to paucity of Fund) TOTAL BILL PENDING DUE TO PAUCITY OF FUND :- 3287 (Fork Lift 05 T (ARJ)+Fork Lift 03 T(BCY)+D shackle 40 T (MAU) TOTAL UPCOMING BILLS :- 1293 (Test Bench (ARJ) + Tower Light(MAU+ CPR) + Shackles (140 T Crane MAU)) TOTAL FUND REQUIRED in DF -3 = (3287 + 1293)= 4580
RRSK	0	0	0	--
TOTAL	4898	6425	131.18	Fund Required In DF-3 = 4580 , In DRF = 1138

RE & BE (PH-41) (FY 2023-24)

(All cost in thousand of Rs. unless otherwise stated)

Alloc.	BG 23-24	Exp. 23-24 (upto Sept. 23)	% Exp. 23-24 against BG 23-24 (upto Sept.23)	Expected Exp. 23-24 (in Last 06 months) (Oct.-23 to Dec.-24	Total Exp. in 23-24 (RE 23-24)	BE 24-25	Remark
1	2	3	4	5	6 = (3 +5)	7	8
CAP	4070	5130	126.04	0	5130.00	0	No Upcoming Expenditure
DRF	820	1182	144.15	7181.75	8363.75	5139.75	For Upcoming Expenditure against Laundry Machine(BSBS+CPR) and HRD (CPR) , Tower Light (MAU+BSBS) and Inflatable Air Bag (MAU)
DF-3	8	113	1412.50	28611.00	28724.00	48233.50	Major Expected Expenditure (21092) is of Laundry machine sanctioned under Ph-41 . Rest Upcoming Expenditure will be adjusted against Fork Lift 05 T (ARJ) , Fork Lift 03 T (BCY) , Tower Light (MAU + CPR) , Inflatable Air Bag (MAU) , test bench (ARJ) , Ferro gram (ARJ) , Shackles for 140 T crane MAU
RRSK	0	0	0	0	0	0	No Upcoming Expenditure
TOTAL	4898	6425	131.18	35792.75	42217.75	53373.25	

CAPEX BOOKING (PH-21)

(All cost in thousand of Rs. unless otherwise stated)

OBO				
Allocation Head	BG 2023-24	Expenditure in 2023-24 (Upto 30.09.2023)	Actual Expenditure in percentage (%)	Remark
CAP	30100	0	0	Unit Exchange spares Total - 100 items (24 items indent sent to store deptt).
TOTAL	30100	0	0	

CAPEX Booking (PH 42), (figure in thou.)

RE 2023-24 & BE 2024-25

Allocation	BG 23-24 (After Re-appropriation)	Exp. Apr.-23 to Nov.23-24 (up to 24.11.23)	% Expenditure Booking	RE 23-24	BE 24-25
DF-3	12500	15416	123.3	42104	7800
DRF	7400	15029	203.1	33722	2500
CAP	89801	70392	78.4	88427	68851
RRSK	3530	5543	157	5001	0
TOTAL	113231	106380	94	169254	79151

Ongoing works details year wise(PH 42)

Sanc. Year	Total work	Work may be deleted in 23-24	Work deleted between April to Nov./23	Work may be deleted between Dec. 2023 to March/2024	Work may be deleted between FY 2024-25
2019-20	4	4	2	2	0
2020-21	4	3	0	3	0
2021-22	11	06	01	05	05
2022-23	04	0	0	0	04
2023-24	04	0	0	0	0
Total	27	13	3	10	09

RUNNING PROJECTS UNDER PLAN HEAD -42

Sl . No	Year of sanction.	Short name of work	Allo .	Last sanctioned cost	Total Exp. till 01 Nov. 23	Remarks	Physical progress (%)	Financial progress (%)	TDC (as per IRPSM portal
1	20-21	Augmentation of sick line capacity by(1.5 times) for LHB Coach at Coaching Depot Chhapra for all weather (24X7) working	DRF	14925	10324	Work Completed. CS under account vetting .	100%	100%	30.11.23
2	21-22	BSB DIV-Supply, Installation and commissioning of 18 nos. All weather friendly rolling in hut as per CAMTECH design for rolling in examination	DF(3)	5606	2571	Work completed but may be deleted from IRPSM after expiry of one year warranty period from date of commissioning. Commissioning date- 29.4.2023	Mech-100%	46	31.5.24
3	20-21	Construction of Washing pit No. 01 (550 m long) with L & Central catwalk at Coaching Depot Manduadih.	CAP DRF	25865 47931	70637	Engg-Major work completed , Approach Road work in progress. Elec-CS sent to Engg on 14.09.23	Engg-95 Elect-100	93.06	31.12.23
4	19-20	Supply , installation , testing and commissioning of Automatic Coach Washing Plant on turn key basis at Coaching depot Chhapra.	CAP	20001	10963	Mechanical : Work completed. PTC issued on 26.09.2023. Debit yet to raise on division by COFMOW. Electrical : Work Physically completed. Final variation under vetting.	Mech-100 Elect-100	56	31.12.23
5	19-20	Supply , installation , testing and commissioning of Automatic Coach Washing Plant on turnkey basis at DEMU shed Aunrihar .	CAP	21269	19114	Mechanical – Work completed, final bill of mechanical has passed. Elect- 1450 meter cable has supplied and their related bill yet to pass Rs 1205 Thou. after that CS will be made.	Mech-100 Elect-100	90	31.12.2023
6	20-21	Provision of 750 V Local Power Supply System for Maintenance of EOG Rake at MUV Washing Pit	CAP	24759	16944	Electrical : All Electrical work completed. Final bill is under process.	100	68	31.12.23
7	20-21	Provision of boundary wall for coaching complex at varanasi city	DF-3	9548	944	Approx 350 m construction work was executed but due to local public protest work was held up after that firm was not turn up ultimately contract has terminated,again LOA has been issued & work in progress.			
8	21-22	Provision of 750 V Local Power Supply System and allied work for maintenance of HOG rake at MAU Depot .	CAP	15613	9710	Final bill is under process.	100	62.19	31.12.23
9	21-22	Provision of 750 V Local Power Supply System and allied work for maintenance of HOG rake at BCY Depot .	CAP	14914	7258	1216 Mtr. Cable yet to supplied, technical suitability has been given . PO yet to be issued.	100	48.67	31.12.23

S. N.	Year of sans.	Short name of work	All o.	Last sanc tione d cost	Exp. till 10.1 0. 23	Remarks	Physica l progres s (%)	Finan cial progre ss(%)	TDC (as per IRPS M porta l
10	21-22	Provision of 750 V Power Supply for Maintenance of HOG-compliant rakes in washing / sick line of maintenance depot at CPR	CAP	13254	9424	4*400=800 Mtr. Cable yet to supplied, PO has already been issued. In addition to this , final bill for tender work yet to be book	100	71.08	31.12. 2023
11	21-22	Provision of New Watering Hydrant at CI, ARJ and Dismantling, repair and re laying of existing Watering Hydrant at MUV, BCY and GCT	CAP	9716	5745	1.Laying of new hydrant pipe line at CI, ARJ & repair & relaying of hydrant pipe line at BCY,MUV,GCT- Completed. 2. Light repair shed ARJ- work completed for one line, For other material supplied work in progress.	Mech-90	59	31.01. 24
12	21-22	Provision of Hydrant And charging Facilities at THE station	CAP	24813	1695 5	Elect -Cable laying PF 01 completed . Pre cooling box material manufacturing under progress by the firm.PF No. 2 all electrical work yet to be done . Engg.- Work Completed . Mech.- Work completed & commissioned on 17.02.23. 10% bill will be passed after 01 year comm.	Engg -100 Mech -100 Elect -85	68.33	31.3.2 024
13	21-22	Manduadih –Provision of RCC Drain with cover for improvement of drainage system in coaching depot	DR F	19019	944	Some hume pipe work has been done . Currently work is held up . Seven days notice has been served to contractor .	30	05	29.02. 24
14	21-22	Thawe Jn.- Provision of Turn round maintenance facilities .	DF- 3	21124	1155 3	Mech-1. Provision of watering hydrant at PF no 03(600 m length)- completed. 2. Provision of rolling in/out hut- Work completed. Engg-1. Train passing office building (6X5 m) with attached toilet - building has constructed, some minor plumbing work is in progress. 2.Drain with cover (approx 600 m length)-completed Electrical : Approx 90% work completed (inspection light & rolling light)	85	54.69	31.01. 24
15	21-22	Varanasi – Provision of New Watering hydrant , dismantling replacement repair relaying painting of hydrant pipeline in BSB Divn.	CAP	10593	6277	BUI Station.-work completed BTT station-work completed. SV Station.-Material has supplied by firm, work is in progress PRRB station-material has been supplied, work yet to start . Painting work is 90% completed .	85	59.24	31.12. 2023
16	21-22	Chhapra – Up-gradation of sick line & repair of service building of Coaching Depot Chhapra.	CAP & DR F	18896	1009 4	Engg.- 90% work completed (Replacement of old roof sheet by galvanium sheet-work completed, Repair of plaster, painting of service building, RCC flooring in machine room -work completed , laying of Tiles in store room & 02 no foldable shutter work yet to start. Mech-1. 01 no EOT crane 25/5 T cap. Indent has been placed to store on 09.10.23.	75	53.41	31.12. 24
17	22-23 04-Apr-24	Mau Jn.- Provision of developing the infrastructural facilities for maintenance of 10 T break down crane at MAU	CAP	67795	0	Total 24 M&P/T&P items have been sanctioned, 22 indent has been placed to Div. store for procurement. Engg. : Tender opened on 20.9.2023 & under TCM Elect.: Tender opened on 29.9.2023 but discharged again tender will be floated	0	0	31.12. 24 78

S. N.	Year of sancs.	Short name of work	All o.	Last sancti oned cost	Exp. till 10.1 0. 23	Remarks	Physical progress (%)	Financi al progres s(%)	TDC (as per IRPSM portal
18	22-23	Banaras – Provision of facilities for Train set Maintenance in coaching depot Banaras	DF 3	15557	1397	Elect/TRD - 25 KV electrification LOA issued on 21.2.2023, work for erection of OHE for stabling line no 25-completed,other will be started with Engg works . Mech -(i)Total sanctioned M&P/T&P items -11, (ii) 10 indent has been placed (iii) item supplied 09 ,rest 0 1 PO has been cancelled, again PO will be issued.(Wheel dia guage)	70	9	15.01. 24
19	22-23	Chhapra – Augmentation and up-gradation of coaching Depot Chhapra based mech. laundry	DF 3	17981	7374	All laundry machines has supplied except some small office equipments Engineering : Building work is approx completed, roof has casted, finishing work is under progress. Electrical : Work yet to start.(panel, Transformer is yet to supply after RITES inspection ,cable is under procurement).Improvement of lighting & wiring work will be done earlier.	70	41	31.01. 24
20	22-23	At BSBS :- Upgradation of Coaching Depot Banaras based mech. laundry	DR F	16121	6341	All laundry machines & equipments have been supplied. Engineering : False ceiling work is in progress & control panel room for AC unit is under construction & tiles work yet to start. Electrical : Wiring work & ducting work have completed. And AC machine has received. Work in progress with engg.	60	39.33	29.02. 24
21	2023-24	Provision of supply,installation and commissioning of rolling light,high mast light and replacement of defective light of BSB Division	CA P	9017	0	Elect/G - Tender opened on 06.10.2023,under TC.	0	0	30.9.202 4
22	2023-24	Provision of Train passing office building at PRRB,BTT,CPJ,BUI and rooms at Train set depot ARJ of BSB Division	CA P	24944	0	Detail estimate is under Account vetting.	0	0	31.12.20 24
23	2023-24	Set up of infrastructural facilities for 02T/shift capacity of Mechanized laundry at Coaching depot chhapara	CA P	19816	0	Detail estimate is under Account vetting	0	0	-
24	2023-24 04-Apr-24	Set up of infrastructural facilities for 02T/shift capacity of Mechanized laundry at coaching depot Chhapra	CA P	19149 461	0	Detail estimate is under Account vetting	0	0	- 79

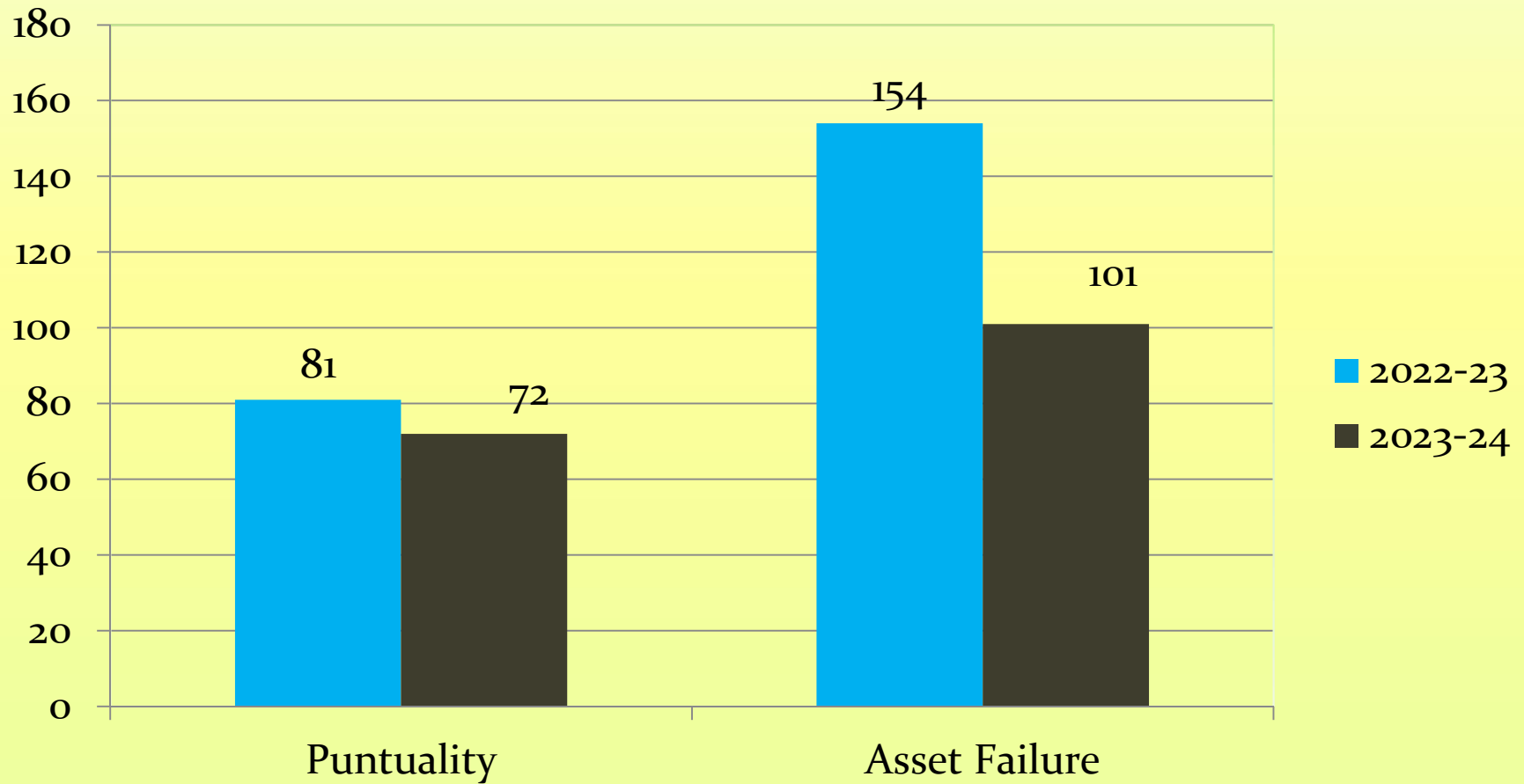
Asset Failure 2023-24 (Till Nov. 2023)

FY	Hot Axle	Coach Detachment	Wagon Detachment	Total Asset Failures	Failures on C&W other
2022-23 (Till Nov. 22)	1	2	2	154	79
2023-24 (Till Nov. 23)	0	0	1	94	56
% age Improvement	100%	100%	50%	39%	29.11%

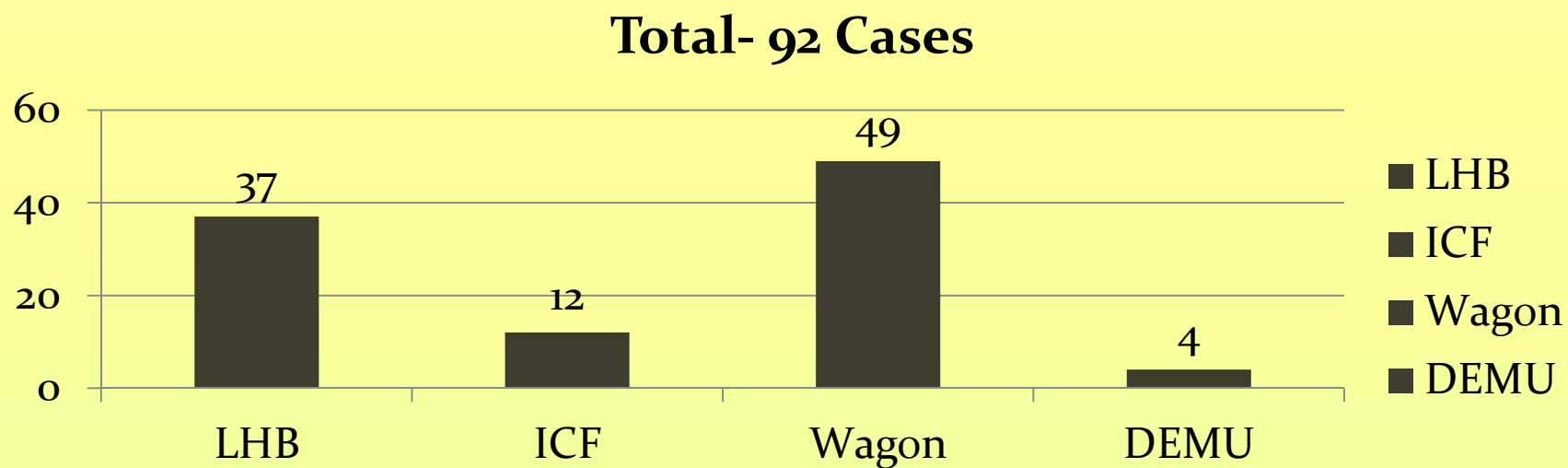
False Reporting Cases 2023-24 (Till Nov. 23)

S. No	Type	Total Cases	False Reported	De-logging Approved	De-logged
1	Punctuality loss	67	19	19	6
2	Asset failure	94	39	39	2

ASSET FAILURE AND PUNCTUALITY **COMPARATIVE OF DEC. 22 AND DEC. 23**

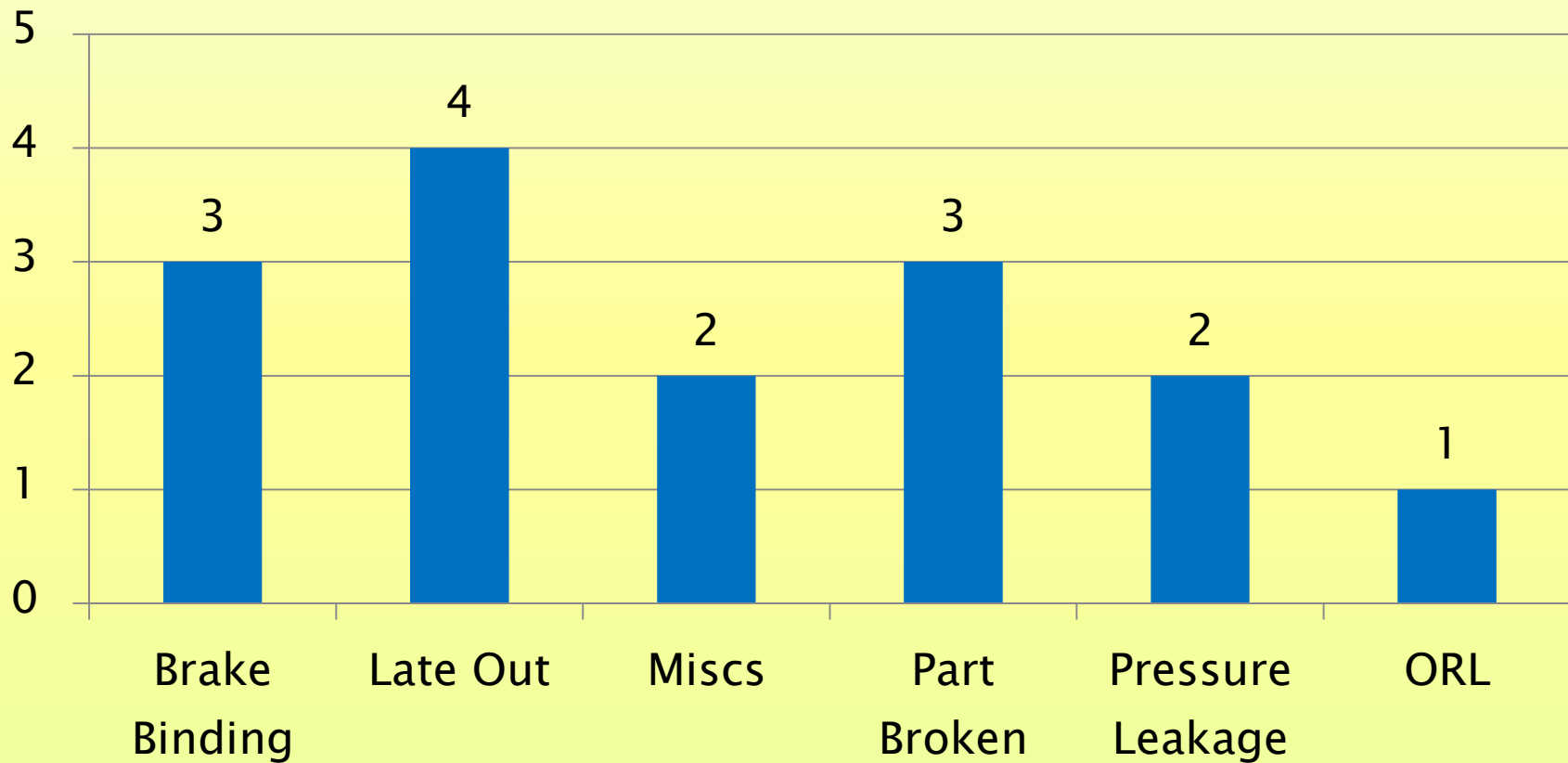


Stock wise- Asset failure till Nov. -2023



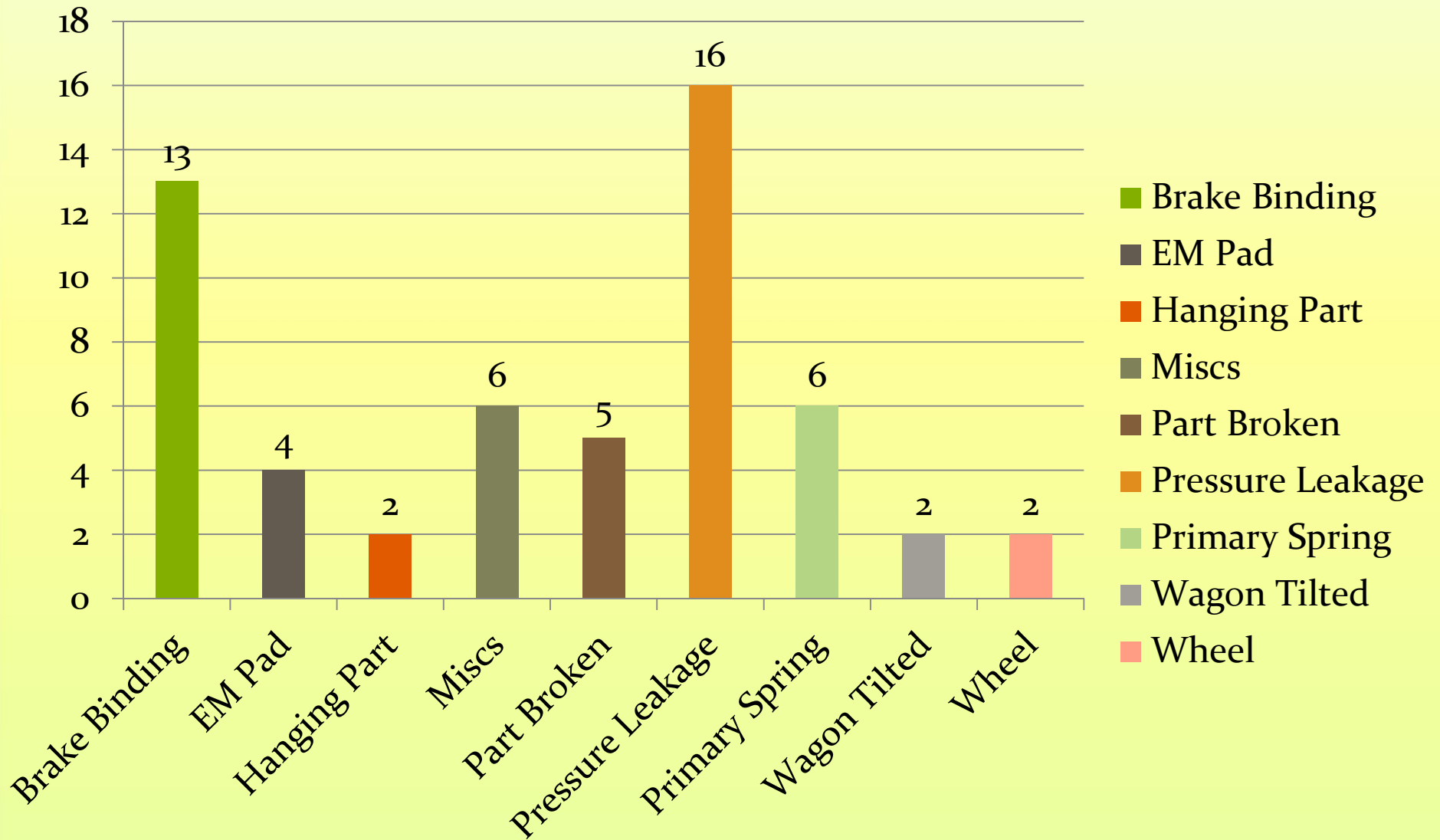
Asset Failure- Primary Trains

Till Nov. 23- 15 Cases



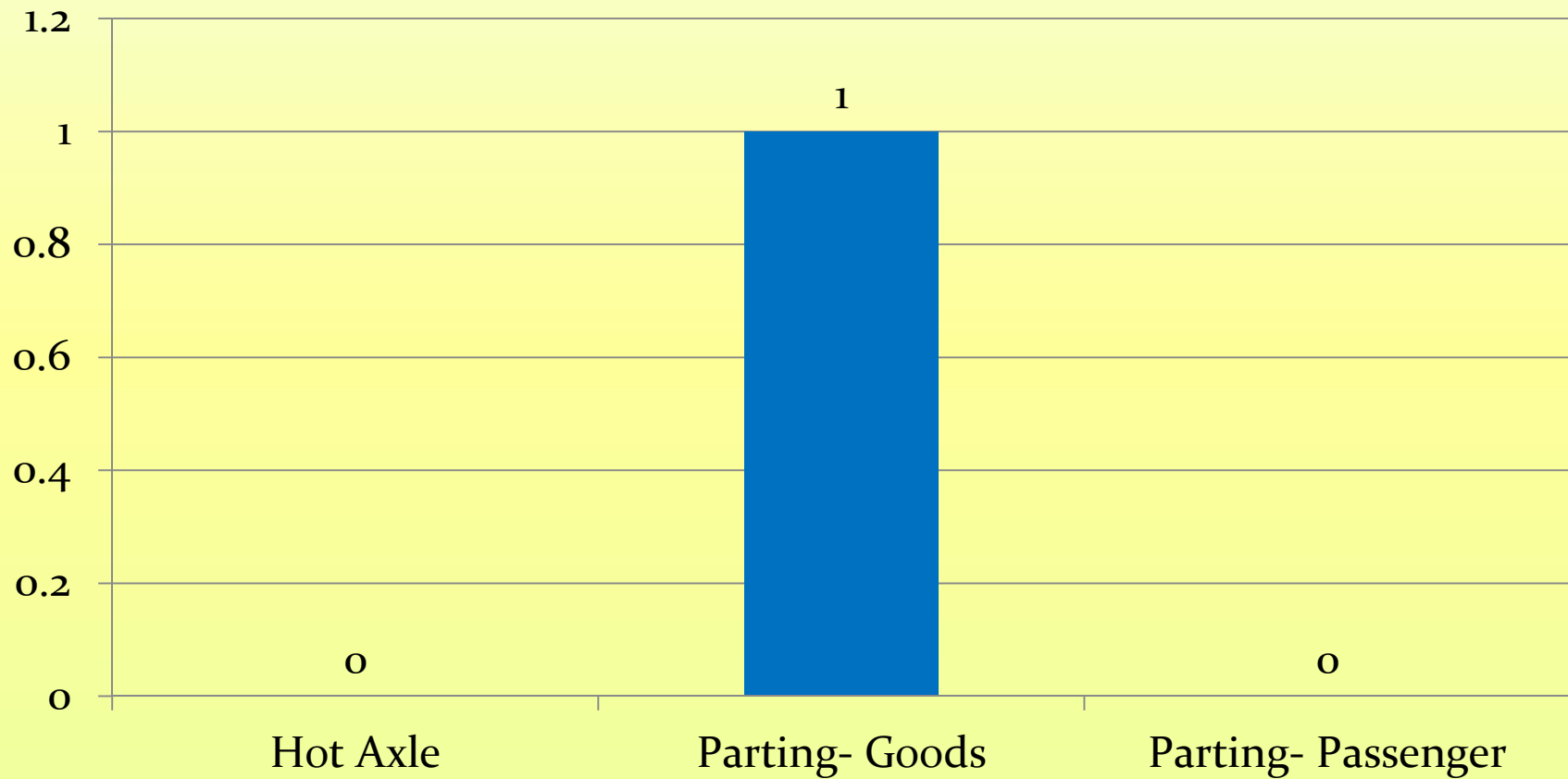
ICMS HEAD WISE (OTHER)

Total cases- 65 Nos.



Train Parting and Hot AXLE (As per ICMS)

Till Sept



Targets & Achievement in 2023-24

S. No	Target Particulars	Target (2022-23)	Achievement (2022-23)	Target (2023-24)	Achievement (Till Oct-23)
1	Ineffective percentage	<0.60%	0.21%	<0.60%	0.24%
2	En-route coach detachment	<5	0	<5	0
3	En-route wagon detachment	<5	0	<5	1
4	Train Parting	<3	2	<3	0
5	Punctuality loss cases	<50	96	<50	67
6	Secondary Coach detachment	<2	0	<2	0
7	Scrap Disposal: Ferrous Non Ferrous	15 MT 01 MT	16.38 MT 6.5 MT	15MT 01 MT	9.5 MT 1.2 MT

Failure within 100 days

Financial Year	Depot			Total
	BSBS & BCY	CPR	MAU	
2022-23	2	9	1	12
2023-24	0	0	0	0

Arising & Forecast 2023-24

Month	SS-1			IOH			SS2			POH		
	Arising	Done	Balance	Arising	Done	Balance	Arising	Booked	Sent	Arising	Booked	Sent
Nov-23	25	14	11	58	14	44	20	12	8	26	21	18
Dec-23	22	10	12	67	8	59	24	4	20	24	3	21
Jan-24	24	0	24	13	0	13	26	0	0	30	0	0
Feb-24	8	0	8	21	0	21	10	0	0	16	0	0
Mar-24	14	0	14	13	0	13	14	0	0	10	0	0

KEY PERFORMANCE INDICATORS (KPI)

S.N.	KEY PERFORMANCE INDICATOR		UNIT OF MEASUREMENT	ANNUAL TARGET	CUMULATIVE PERFORMANCE UP TO MONTH
1.	(a) Capital Expenditure		Rs. In Cr.		
	(b). Timely finalization of tenders except stores tenders (Data from IREPS + GeM)	(i) Direct acceptance cases- Finalized with in 45 Days / Total cases finalized	%	100 %	100%
		Total cases finalized	Nos.	01	01
		(ii) Tender committee cases- Finalized with in 60 Days / Total cases finalized	%	100%	100%
		Total cases finalized	Nos.	02	02
	(d) Total nos. of outcome based service contracts finalized in 2023-24/ Total nos. of service contracts finalized in 2023-24		%	100 %	100%
	(e) Reduction in expenditure in service contracts finalized in current financial year over last FY.		%	30%	18.60 %
	(f) Deletion of works from IRPSM (Total works with physical completion >=99% on opening day of FY)		No. of works	14	04

KEY PERFORMANCE INDICATORS

S.N O.	KEY PERFORMANCE INDICATOR	UNIT OF MEASUREMENT	ANNUAL TARGET	CUMULATIVE PERFORMANCE UP TO MONTH
2.	Asset Reliability (Average increase in asset reliability / improvement over last year):- All data as per ICMS			
	(i) Coach detachment (Ownership Basis) per 1000 coach holding	% improvement over 2022-23	5% improvement over 2022-23	0
	(ii) Wagon detachment (Territorial Basis) Avg. wagon holding	% improvement over 2022-23	5% improvement over 2022-23	0
	(iii) C & W Other Failures (Territorial Basis)	% improvement over 2022-23	5% improvement over 2022-23 (76 Cases till Nov.- 22)	28% (56 cases till Nov.-2023)
3.	Improvement in Safety performance			
	(a) Hot Axles (ownership basis)	Nos.	0	0
4.	(a) Training of Employees – Total trained at training institutes in current financial year/ Avg. total employees on roll	% improvement over financial year 2022-23	5%	Improvement of 7.68%

Condition of Rolling In & Rolling Out Light

S N	Station	Line No.	No. of Rolling Lights (Some of both side & end)	Working	Not Working	No. of Rolling light out of focus (projection is not as per camtech manual)	Remark
1	BSBS	1,2,3,4,5,6,7,8	32	32	Nil	NIL	NIL
2	MAU	1,2,3,4,5,6	16	16	Nil		
3	CPR	1,4,5,6,7	20	20	Nil		
4	BTT	1,3,4,5,6	20	20	Nil		
5	BCY	1,2,3,4,5	18	18	Nil		
6	GCT	1,2,3,4,5,6	24	24	Nil		
7	BUI	1	4	2	Nil		
		2	4	2	Nil		
8		3	4	4	Nil		
9		4	4	3	Nil		
10		5	3	2	Nil		

Condition of Rolling In & Rolling Out Light

S N	Station	Line No.	No. of Rolling Lights (Some of both side & end)	Working	Not Working	No. of Rolling light out of focus (projection is not as per camtech manual)	Remark
11	SV	1,2,3,10	14	14	Nil	NIL	NIL
12	THE	1,4,5	6	6	Nil		
13	PRRB	1	2	1	-		Rolling light removed for platform extension work
14		2	1	1	Nil		

Condition of Washing Pit Light

Washing Pit Light Position - BSB Division																
Depot	Washing Pit No	Under Pit/Dug light					Under Catwalk					Over head light				
		Total fittings	Working	Not Working	Missing	Lux level of Light	Total fittings	Working	Not Working	Missing	Lux level of Light	Total fittings	Working	Not Working	Missing	Lux level of Light
BSBS	1	218	218	NIL	NIL	123	206	206	NIL	NIL	155	30	30	NIL	NIL	133
	2	154	114	40	NIL	102	175	148	27	NIL	104	60	59	1	NIL	135
	3	235	190	45	NIL	103	176	150	26	NIL	103					
CPR	1	260	243	6	11	105	230	204	18	8	106	58	53	5	0	112
	2	250	225	13	12	104	243	223	11	9	105					
BUI	1	311	311	0	0	106	189	189	0	0	95-120	49	48	1	0	115-125
MAU	1	228	223	3	2	90-100	192	189	2	1	100-110	40	40	0	0	100-115
AMH	1	NIL	NIL	NIL	NIL	-	212	101	58	53	96-102	22	18	4	0	107
GCT	1	Nil	NIL	NIL	NIL	-	Nil	NIL	NIL	NIL	-	47	44	3	0	70
BCY	1	178	166	12	NIL	101	194	177	17	0	100	36	36	0	0	180-182
ARJ	1	NIL	NIL	NIL	NIL	-	296	288	8	0	120	94	84	6	4	152

MDDTI/Banaras

		C&W	OPTG	ENGG	Total
1	No of Classroom	1	1	2	4
2	No of Model Room	1	0	1	2
3	No of Hostel Room (Men)	1	2	4	7
4	No of Hostel Room (Women)	0	0	0	0
5	No of Instructors	1	1	1	3
6	Training Capacity (No of Staff)	15	50	60	125

Trainset Depot ARJ

AMC status of Engine and Control System

Sn	OEM	Sub Assemblies	Name of firm	Remarks
1	CIL	Engine Complete, Water, Hydraulic & Ventilation Pump, Radiators, Ventilation & Radiator Fan, Hydraulic Cooler, all housing etc.	M/s Cummins India Limited, Pune	All DPC of 1400HP and 1600 HP is covered under AMC but AMC of 1400 HP DPC is suspended . Note: In-house Maintenance of only 1400 HP DPC.
2	CAT			All 4 DPC of 1600 HP and 2 DPC of 1400 HP : In-house Maintenance.
3	MEDHA	Control & Transmission System, Traction motor, Generator, Rectifier , Traction Converter , Master Controller , Display Unit, APC, ECM(Governor), VCC etc.	M/s MEDHA	All DPCs and DMC of MEDHA under AMC or warranty. After warranty all DMC will under warranty.
4	BHEL		BHEL	All DMC of BHEL under warranty.
5	CGL		M/s Crompton Greaves Limited	Covered under AMC

Trainset Depot ARJ

AMC status of Compressor and Air Brake System

S. n.	OEM	Sub Assemblies	Remarks
6	ELGI	Compressor only in DEMU and RCF-MEMU	In-house Maintenance
7	Faiveley	Compressor only in ICF MEMU	In-house Maintenance
7.1	Escorts	EP Brake Unit, EP Brake Controller, Air Dryer etc.	In-house Maintenance
7.2	KBIL		In-house Maintenance
7.3	Faiveley		In-house Maintenance
7.4	WSF		In-house Maintenance

Trainset Depot ARJ

DEMU/MEMU Operation & Maintenance Issues

- ❖ No BOS is sanctioned for MEMU Operations. Initial BOS was sanctioned for 10 DEMU Rakes. As on date DEMU Shed ARJ is holding 11 DEMU Rakes and 4 MEMU Rakes. 56 staffs extra are required as per the MEMU MPR of 7 per unit.
- ❖ Sanctioned strength of Supervisor is 25. 10 posts of supervisors are still vacant
(08 C&W, 02 Electrical) as per the original BOS.
- ❖ Major Failure cases pertain to inefficiency of LP, Guard and LI. Lucknow Division needs to work on troubleshooting points at DEMU stabling locations, DEMU based competency and provision of separate pool of LP, LI and Guards for DEMU.
- ❖ Due to absence of Stabling Line, excessive shunting is involved which affects the
maintenance work in the premises and during shunting from one line to another line in the shed, Gate near the DEMU shed must be closed by operating which take unnecessary time for placing the rake from washing pit to light repair.

2. INFRASTRUCTURAL FACILITIES

2.1 – Machineries and plants.

S. N.	Description of machine	Make	Mfd.	Capacity	Model.N.	Comm. Dt	Qut.
1	Air compressor Electric	Sullair	-	500 CFM	LS20-125H	23.07.12	1
2	Air compressor Electric	Kirloskar	2015	556 CFM	KES-90-10	24.06.16	1
3	Air compressor Electric	Elgi equip. ltd	2008	99 CFM	E18-7.5	20.06.10	1
4	Air compressor Diesel	Kirloskar	09.18	283 CFM	SC-10095	30.11.18	1
5	Air Dryer	Shalcot	2012	500 CFM		03.07.12	1
6	Air Dryer	Spin AQM	2022	500 CFM	RADGC 00R	13.03.22	1
7	Fork lift (Diesel)	Godrej	2016	03 Ton	GX300D	07.02.16	1
8	Fork lift (Diesel)	Godrej	2017	03 Ton	GX300D	02.11.2017	1
9	Fork lift (Diesel) BLW	Voltas	2003	05 Ton	DV x 505	28.07.2004	1
10	Fork lift (Diesel) BLW	Voltas		03 Ton	M 1542		1
11	Rake Test Rig	SUBLINE	2019			06.12.19	1
12	Rake Test Rig	Universal	2016				1
13	Rake Test Rig	Universal	2022			10.12.22	2
14	Single Coach Test Rig	Universal					1
15	Single Coach Test Rig	Universal			0020EC	10.12.22	1

16	Single Coach Test Rig	Universal	2022			01.12.22	1
17	Pillar Type Drilling Machine.	Voltas ltd.	1987	2.5 hp		04.93	1
18	Diesel Operated Platform Truck No.-01						
19	Electric Operated Platform Truck No.-01 (BUI)	Godrej	2019		GPT 200 E4W	22.11.19	1
20	High pressure Jet cleaning Machine (Hot & Cold)	Roots		500 bar		03.07.12	2
21	High pressure Jet cleaning Machine (Hot & Cold)	Kurcher M/c		500 bar		21.03.11	2
22	Synchronized Power Pack with Jack	Navyuga		25 Ton	851/2004	Received AMM .08.11.10 DEMU 02.02.19	01
23	Synchronized Power Pack with Jack	Voltas		25 Ton	851/2004	20.01.18 CPR	01
24	EOT CRANE	AMT International	2010	25/5 Ton	PH0176525 0203	07.01.14	1
25	EOT CRANE	Krane mfg pvt.lt	2014	25/5 Ton		08.12.14	1
26	DG Set	Kirloskar		125 KVA	ARAI/DGCOP	16.06.09	1

27	JAMALPUR JACK	Jamalpur		15 Tons		09.03.17	1 Set(5 Jacks)
28	JAMALPUR JACK	Jamalpur		15 Tons		25.09.22	1 Set(5 Jacks)
29	Trolley Mounted Sewage Evacuation M/c	ANI Engg.	2019	27 LPM	UHPL/MSES/50 VR	-	1
30	Trolley Mounted Sewage Evacuation M/c	ANI Engg.	2021	27 LPM	UHPL/MSES/50 VR	07.01.22	1
31	Pedastel Grinding machine	-	-	1.5 hp	-	1991	1
32	Electric Pipe threading machine	Inder power	2005	12-50 mm	140 A , 14 CA		2
33	Hydraulic Pipe vending machine	Vankos		10-80 mm			1
34	Portable Welding Machine	Heavy duty	2022	250Amp.1pha		27.05.22	1
35	Portable Welding Machine	Electro KoKo	2022	250Amp.1pha		27.09.22	01
36	Welding Tranformar	BANSAL ARC		630 Amp.	TMM630	28.11.17	04
37	Portable Welding M/c			400 Apm,3 P	Skil or Similar	15.11.2017	01
38	Welding Plant Electrical	BANSAL ARC		650 Amp.3 P			03
39	Welding Plant Diesel	S&P		3 phase		15.08.2006	1
40	Pickup (small) (ARJ)						1
41	Electric Motor pump eith pump			5 hp		01.06.14	01
42	Mono block pumpset 7.5 hp	BCH		7.5 hp		22.07.16	02
43	Open well pump Submersible	Crompton		5 hp 3 Phase		26.02.16	02
44	Generator 7 KVA	Honda		7 KVA	EU70	11.09.19	01
45	Diesel machine sumpump	Power king		5.0 hp	15 C 105		1
46	CNC UNDER FLOOR WHEEL LATHE	HYT	2022		YUL-08M	12.11.22	1

INNOVATIONS & GOOD PRACTICES IN BSB DIVISION (FY 2023-24)



Outdoor
treadmill



Arm Rotation Wheel



Beam Pull Bar

HEALTH PARK OF CPR



Air Walker



Single Twister



Double Horizontal Bar

SWACHH TROLLEY

Swachh Trolley for garbage collection



QUICK RESPONSE SERVICE

Sticker with QR code for Quick Response service for Reducing Rail Madad Complaints



LINEN HOLDING TABLE



SHIFTING OF RTR MACHINE ROOM



QR CODE

Sl.No	Description	Photograph
1	A QR code has been generated and pasted on the packets of linen provided in CPR based trains by the mechanized laundry at Coaching Depot Chhapra. This QR Code has been linked to YouTube video. The process of sorting, washing, ironing, packing and handling of linen is being described in this video. By scanning the QR code on the linen packet, passengers can get information about the quality of cleaning of bedrolls and the work related to its maintenance in the mechanized laundry Chapra. This work has been done at the departmental level.	 
2	QR Codes have been generated and pasted on all the gauges available in the depot and these QR Codes have been linked to the calibration certificates of all the gauges available in the depot. By scanning the QR Code installed on any gauge, complete information related to its calibration is immediately available on the mobile phone, which is helpful in getting the calibration of gauges done on time. This work has been done at the departmental level.	

1. ANTI THEFT WATER TAP SYSTEM



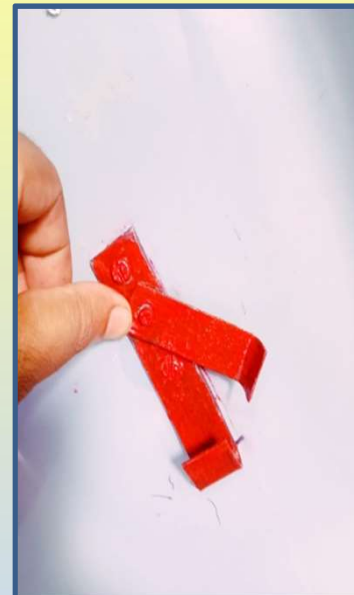
2. MULTI DEVICE WORKING & TESTING TABLE



3. WATER LEVEL INDICATOR



4. FIRE-EX LOCKING SYSTEM



5. SPARMV



1. Detachable support for Heavy weight descending



2. Local made 4 rail trolley for material movement



3. Monorail cum road trolley small & big



6. PASSENGER EMERGENCY SAFETY SYSTEM

(PESS)



7. QR CODE BASED BIO TOILET MONITORING



8. GUARD TABLE



9. COACH ANNOUNCEMENT SYSTEM



10. Linking WSP-Shelling cases

Coach Number 205393

Distance 0470490.6 km

Data valid from/to 02.08. 04:55 - 19.09. 07:44

Reg axle 1 9999 02.08. 09:22 - 19.09. 03:21

Reg axle 2 109 02.08. 17:07 - 18.09. 02:26

Reg axle 3 9999 02.08. 09:22 - 19.09. 03:21

Reg axle 4 120 02.08. 21:45 - 18.09. 19:48

SL1 long 0

SL2 long 0

SL3 long 864 17.09. 17:10 - 18.09. 08:41 ←

SL4 long 0

TG1 no sig 488 02.08. 10:07 - 19.09. 02:19

TG1 short 1 11.09. 07:22 - 11.09. 07:22

TG1 broken 6 26.08. 12:52 - 13.09. 05:39

TG2 no sig 0

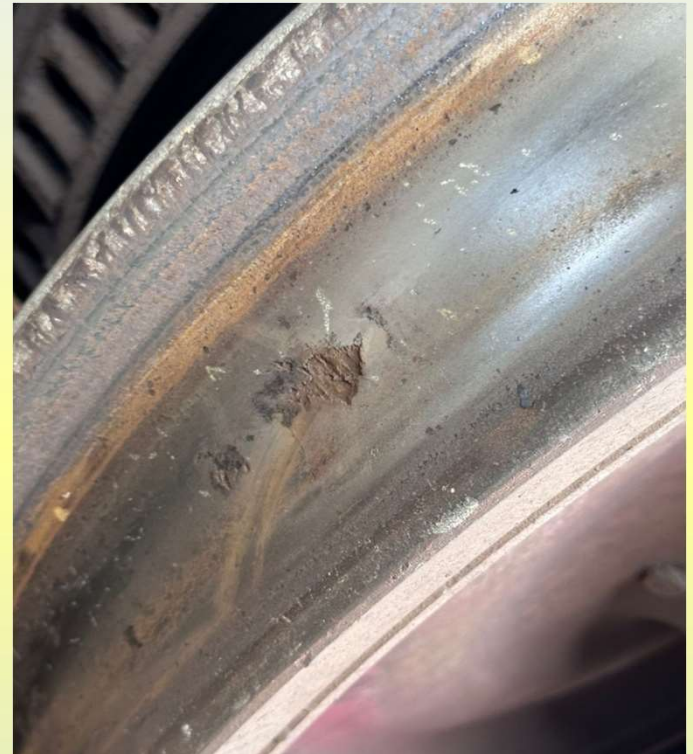
TG2 short 0

TG2 broken 0

TG3 no sig 487 02.08. 10:07 - 19.09. 02:19 ←

TG3 short 7 26.08. 12:52 - 13.09. 05:39

TG3 broken 0



- As we can easily spot that Axle 3 had long lasting slip with frequency of 864 between 17-Sept to 18-Sept.
- Also, there is no signal from the speed sensor in Axle 3 and Axle 1 had numerous Short circuit, No signal and Broken.

11. Fire-ex testing room

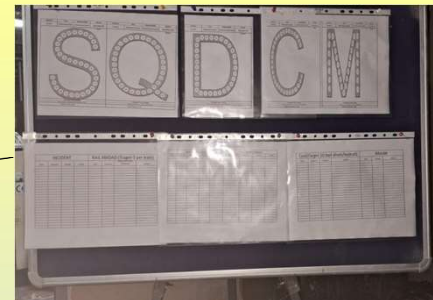


9. LAUNDRY INNOVATION



1. QR CODE BASED MACHINE CHECKING

2. SQDCM analysis for η



3. Zip assisted blanket cover



4. GPS based attendance system



12. Water tank cleaning device



To clean
water
tanks in
D2 & D3
schedule



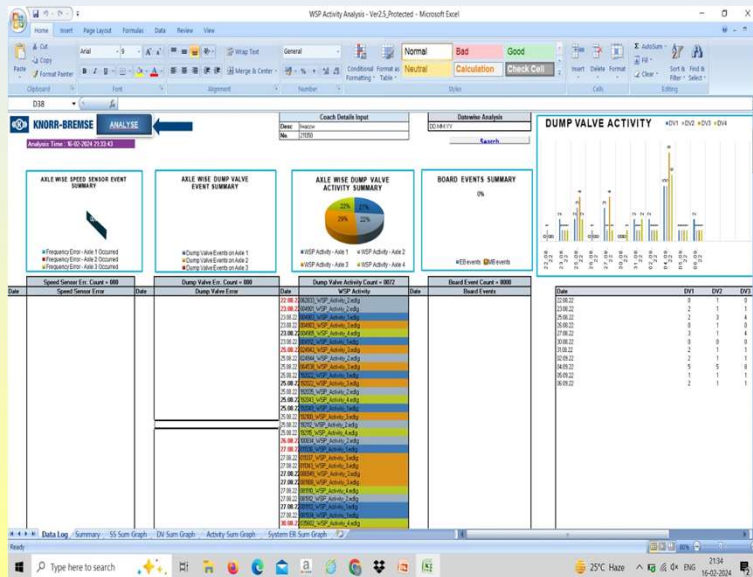
Foldable Guard Table

13. SPARMV Tool for wheel disengagement



2024/03/

14. Software related works



13. Data analysis of “Knorr Bremse WSP systems” & “JK Exim FDS device”

FDS Data Download of JK Exim

Steps Involved:

1. Open JK Exim Vesda Panel.
2. Turn – off the Vesda Panel MCB (Yellow Arrow) to cut off the supply to the panel.
3. Take Out the Memory Card (White Arrow) by Pushing in Inside once.
4. Connect MMC to PC via Card Reader



15. Scrap art



Selfie points & fountains



ACHIEVEMENT-1

New Train Started :-

A new special Train No. 05181 was inaugurated on dt. 22.11.2023 by Honb'le Minister of Railway (MR) from MAU to LTT through Video Conferencing.



ACHIEVEMENT-2



- **Kamayani Exp. Extended up to BUI :-**
Kamayani Exp. train has been extended upto BUI (BUI - LTT) It's inaugural run ceremony has been done successfully on dt. 10.12.2023 by honbl'e MP/BUI. It would be more beneficial for the people of BUI and residing nearby.

ACHIEVEMENT-3

New Delhi Superfast Exp. Extended up to BUI:

New Delhi Superfast Exp. Train has been extended up to BUI (BUI – NDLS). It's inaugural run ceremony has been done successfully on dt. 30.01.2024 by honbl'e MP/BUI. It would be more beneficial for the people of BUI and residing nearby.



ACHIEVEMENT-4

New Train Started :-

A new MEMU Train from GCT to TediGhat, Train No. was inaugurated on dt. 22.02.2023 by Honb'le Prime Minister of India and Honb'le Minister of Railway (MR) through Video Conferencing.

5.ACHIEVEMENTS

- **Automatic Coach Washing Plant:-**
- Automatic Coach Washing Plant has installed in coaching depot CPR on dt. 20-08-2023. Washing capacity of the plant is 70 – 80 coach/hour, 300 litre of water has been consumed for 01 coach and whole rake (24 coaches) could be washed within 7-8 minutes. After installation of the plant, it will decrease the man power & water consumption.



6. ACHIEVEMENTS



- A new Gottwald 140T Crane No. 14401 has been commissioned on 12.08.2023 at MAU in Varanasi Division.
- The Crane will be very useful for restoration work in Varanasi Division.

ACHIEVEMENT-7

New Train Started :-

A new MEMU Train from Mau to DohriGhat, Train No. 05477/78 was inaugurated on dt. 18.12.2023 by Honb'le Prime Minister of India and Honb'le Minister of Railway (MR) through Video Conferencing.



GOOD WORK-1

Mock Drill at MAU :- A full scale mock drill has been launched on dt. 06-11-2023 with the help of NDRF Team at coaching depot MAU.



04-04-2024



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THANKS