



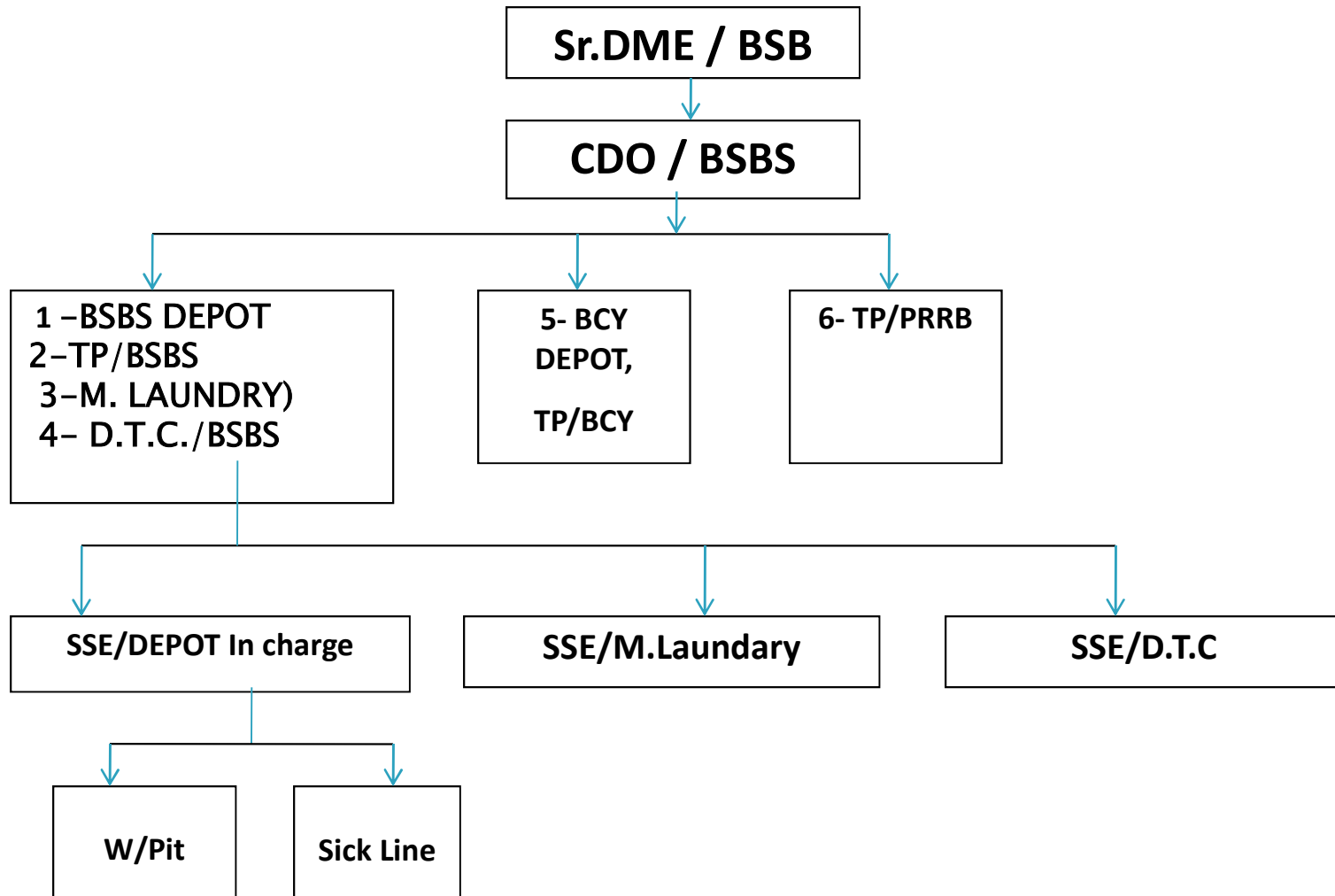
North Eastern Railway

COACHING DEPOT BSBS N.E.RLY. VARANASI



ORGANISATION CHART

Dated- 14.03.2024



1.ESTABLISHMENT

S. No.	Name	Designation
1.	Sri Vineet Ranjan	CDO / BSBS
2.	Sri Om Prakash Singh	SSE (C&W) /BSBS (Depot Incharge)

S. No.	Category	Sanctioned	Actual	Vacancy (-) / Surplus (+)	Remarks
1.	Supervisors	34	32	(-) 02	
2.	Group C	200	188	(-) 12	
3.	Group D	71	65	(-) 06	
4.	Ministerial	04	03	(-) 01	
5.	Total	309	288	(-) 21	

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

2.2 Availability of coach maintenance facilities.

Depot	No. of W/Pits	Type	Length (meter)	Capacity (Coach)	Air Compreso	Weld-ing 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.)

2.3 Availability of Coach Repair Facilities.

Depot	Sick Line	Length (meters)	Width (meters)	Shallow Pit (meters)	Working capacity (Coaches)	Covered shed-length (meters)	Open Area Length Meters
BSBS	I	230	14	27 (02nos.)	4	140	Completed
	II	230	14	27 (02nos.)	4	140	Completed

3.0 WORK LOAD

**Primary Maintenance : 15 rakes - 329 Coaches (LHB- 274 & ICF -18 (Garib Rath)
+ 23 (Screw Coupling Mail) +13 (CBC PASS.) +01 (CBC Mail)**

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)	- 1 Rake (LHB)
5- KASHI-PATNA JAN SHATABDI EXP. (15125/15126)	- 1 Rake (LHB)
6- KASHI-VASHWANATH EXP. (15127/15128)	- 2 Rakes (LHB)
7- Banaras- Dehradoon Exp. (15119/15120)	- 3 Rakes (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 : 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. - 23

Originating Examination. – 23

SPARMV (ART– B Class & ARME Scale–1)

(Coach No - 990004 ART/SV, 013232 WRH, 994141 ART/TV)

SPIC (NE 230082)- Under Commissioning



4.0 ACHIEVEMENTS

- All coaches (LHB/ICF) (Express/Passenger) are fitted with LED Light .
- All train running on HOG
- All coaches of depot are fitted with Bio Toilet
- All Coaches are fitted with Venturrry to handle foul smell.
- OBHS monitoring started with Clean Rail App.
- 100% data downloading of all makes fire smoke detection system.
- Monitoring of Mechanized Laundry through Live CCTV.
- In-house Monitoring of functioning of Bio Toilet through Bio – toilet effluent testing Lab. QR code based bio toilet monitoring.
- Ferrule joint conversion has done in all ICF coaches
- Punctuality loss- Nil
- 100% WSP data downloading of all makes & WSP shilling interlinking.
- CNC Under Floor Wheel Lathe Machine Commissioning Date-22.11.2022
- Laundry capacity upgradation from 5 Ton per day in 2022-23 to 10 per day in 2023-2024
- QR code board laundry machines maintenance system.
- CBC Modification of Escort Make 83 Coaches (100%)
- CBC Modification of Dellner Make 11 Coaches (100%)
- CBC Stiffener Plate Thickness Measurement by UST M/c in every D3 Schedule
- FIBA Modification as per RDSO guide line 13 Coaches by Coaching Depot BSBS
- Coach announcement system
- 129 SS-1 & 61 POH in 2023-2024
- 100% Fire extinguisher testing and refilling being done.
- SPARMV innovation to assist in mutual handling.
- Vinegar filling pimp.

5.0 – Sick Line Performance

Analysis of non sch. repair & IOH repair month of Oct.23 To March.24 (14.03.24)

S N	Description	Oct. 23	Nov. 23	Dec. 23	Jan. 24	Feb. 24	March. 24
1	IOH (M/Exp.)Trolley Ch	04	03	07	03	07	01
2	IOH (PU)M.Exp.	-	-	-	-	-	
3	IOH (Pass.)	-	-	-	01	-	
4	R.Date - Ext.	01	-	-	-	-	
5	SS-1-Ext.	-	-	-	-	-	
6	Wheel Changing	11	17	17	12	22	09
7	Spring gear	12	09	07	02	05	04
8	Break gear	-	04	01	-	-	
9	Plumbing work	02	01	02	-	2	
10	Carpentry work	-	-	-	-	1	1
11	Buffer & Draw gear	-	02	01	-	1	1
12	Safety Bracket	-	-	-	-	-	
13	Floor Repair	-	-	-	-	-	
14	Bogie Repair	-	-	-	-	-	
15	Amenities Fitting	-	-	-	-	-	
16	Miss.	03	04	04	02	03	
17	SS1	17	09	06	09	04	1
	Total	51	49	45	29	45	17

5.1 Sick line BSBS Out turn of last Six months.

SL	Description	Oct. 23	Nov. 23	Dec. 23	Jan.24	Feb.24	March.24 (14.03.24)
1.	Sick line out turn	51	49	45	29	45	17

5.2 – Coach Failure(Enroute)

SLNo.	Month	2021	2022	2023	2024
1	Jan.	Nil	Nil	Nil	Nil
2	Feb.	Nil	Nil	Nil	Nil
3	March	Nil	Nil	Nil	
4	April	Nil	Nil	Nil	
5	May	Nil	Nil	Nil	
6	June	Nil	Nil	Nil	
7	July	Nil	Nil	Nil	
8	August	Nil	Nil	Nil	
9	Sept.	Nil	Nil	Nil	
10	Oct.	Nil	Nil	Nil	
11	Nov.	Nil	01	Nil	
12	Dec.	Nil	Nil	Nil	

5.3– Position of Wheel

S.N.	Wheel	Pool	New	Serviceable	New Dia	Old	RO
1	ICF	21+02	-	-	-	00	23
2	LHB	32	-	-	-	04	28
3	BCN	-	-	-	-	10	

5.4 – Electrical Dx. (Analysis of non sch. Electrical repair month of.–Sep .23 To March.24, 14.03.24)

	Oct.23	Nov.23	Dec.23	Jan.24	Feb.24	March.24
V- belt	-	-	-	-	02	
Alternator	-	-	-	01	-	
Battery defectiv	-	-	-	-	-	
Inverter	-	-	01	-	-	
Miss.	12	08	07	08	04	09
Cooling	-	01	-	09	-	-
TOTAL	12	09	08	18	06	09

5.5– POH /SS–2 SENDING FROM THE month of Sep .23 To March.24, 14.03.24

	Oct.23	Nov.23	Dec.23	Jan.24	Feb.24	March.24
	03	13	15	16	07	02

5.6– POH /SS–2 Incoming FROM THE month of Sep .23 To March.24, 14.03.24)

	Oct.23	Nov.23	Dec.23	Jan.24	Feb.24	March.24
	05	05	12	10	06	–

Rail Madad complaint analysis January & February-2024

Train No.	No. of Complaint & Type															
	Bed Roll		Cleaning		Cockroach/ Rodent		Maintenance		Water Availability		Misc.		Staff Behavior		Total	
	Jan-24	Feb-24	Jan-24	Feb-24	Jan-24	Feb-24	Jan-24	Feb-24	Jan-24	Feb-24	Jan-24	Feb-24	Jan-24	Feb-24	Jan-24	Feb-24
12559/60	23	13	46	9	11	5	12	3	1	4	4	0	3	1	100	35
12581/82	36	21	49	18	9	10	10	6	0	3	3	0	6	5	113	63
15103/04	0	0	0	2	0	0	1	7	1	0	0	0	0	0	2	9
15107/08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15119/20	12	17	11	10	1	1	9	4	0	1	0	0	1	1	34	34
15125/26	0	0	1	1	0	0	1	2	0	0	0	0	0	0	2	3
15127/28	38	28	28	12	11	6	9	4	2	1	1	3	2	4	91	58
22535/36	23	9	12	11	1	1	2	1	0	0	1	1	0	2	39	25
22541/42	9	7	3	4	2	3	6	1	1	0	0	0	1	1	22	16
Total	141	95	150	67	35	26	50	28	5	9	9	4	13	14	403	243

Tendor Work is going in Coaching Depot BSBS

Sr. NO.	Description
01	Mechanized Cleaning,(Interior & Exterior), watering, padlocking,etc. in 90 Coaches including providing toiletries in 14 AC coaches at W-pit/MUV and mechanized cleaning(interior), watering, padlocking etc. in 73 coaches of m. Express platform return/ RBPC train and Drky sweeping, toilet cleaning, and disinfection of 178 coaches passenger platform return/RBPC train daily at MUV, BCY,& aly station and mechanized cleaning of coaching Depot Premises, pit lines etc. and Garbage Disposal along with provision of OBHS in nominated trains of coaching Depot/ Muv for the Period of Four (04) years/
02	the work Pest control & Rodent control Treatment and fumigation in all Railway coaches(AC, Non AC, Pantry car, Inspection Carriages) along with Rodent control treatment in Depot Premises , w-pit and sickline area and Depot yard in all coaching Depot of Varanasi Division.
03	Annual maintenance and operation contract (AMOC) of Bio Toilets (DRDE) of BG coaches based at MUV,CPR,AMH, BUI Depot of Varanasi Division.
04	Hiring of 09 T capacity, Heavy & robust under frame constructed for coaching Depot BSBS Commercial registration fuel, driver, maintenance, taxes & other charges on the basis of days and KM .
05	Hiring of Tractor Per km based service- Machinery & Equipment, Coach Trolleys and Wheel Flatbed Trailer Minimum 15 MT Trailer.
06	Automatic Coach Washing Plant (ACWP) Commissioning Dt.-12.08.2021
07	CNC Wheel Lathe Machine Installation work started on dt. 05.02.2022 & Commissioning Date- 22.11.2022
08	Upper Gear Maintenance Contract

PIT OCCUPATION WITH COMPOSITION CHART- 01.02.2024

Sl. No	Train No.	Nos. OF RAKE	Sch.				Days	Pit No	Load	Composition
			Arr. Time	Arr. day	Dep. Time	Dep. day				
1	12560/59	02	06.20	Daily	22.15	Daily	1,2,3,4,6,5,7	W. Pit-2	23	LWLRRM - 1 , LWFAC - 1, LWACCW- 2, LWACCN - 9, LWSCN1-5 , LWS -3, LVPH-01, LSLRD-01
2	12582/81	02	10.15	Daily	23.10	Daily	7,1,4,5	W. Pit-3	23	LWLRRM - 1 , LWFAC - 1, LWACCW- 2, LWACCN - 9, LWSCN1-5 , LWS - 3, LVPH-01, LSLRD-01
3	15104/03	01	22.00	Daily	05.25	Daily	1/2,4/5	W. Pit-3	20	LSLRD-01,LWLRRM - 1 , LSDD-5, LWSCZ-10, LWSCZAC-03
4	22536/35	01	01.25	06	20.00	07	7	W. Pit-1	20	LWLRRM - 1 , LWACCW- 2, LWACCN - 8, LWSCN1-05,LWS -3, LSLRD-01
5	15127/28	02	04.50	Daily	13.30	Daily	Daily	W. Pit-3	22	LWLRRM - 1 , LWFAC - 1, LWACCW- 2, LWACCN - 9, LWSCN1-5 , LWS - 3, LVPH-01, LSLRD-01
6	15125/26	01	22.15	Daily	06.20	Daily	3/4, 6/7	W. Pit-3	14	LSLRD-01, LWLRRM-01, LWSCZ-06, LWS-05, LWCZAC-01
7	15119/20	03	15.40	Daily	08.25	Daily	Daily	W.Pit-2	18	GSLRD-02,WGSCN-8,WGFACCW-01, ACCW-1,ACCN-02,GS-04
8	15107/08	01	20.30	Excep Sun.	05.05	Excep Sunday	Except Sunday	W. Pit-3	15	GSLRD-02,GS-12,WGSCZAC-01
9	22541/42	01	08.05	02,06	19.30	2,4,7	04,06	W.Pit-1	16	WRMPACH-02, WACCNH-14,
10	05117/18	01	21.15	Daily	06.00	Daily	3/4, 6/7	W.Pit-1	10	GSLRD-02, GS-08
11	17323/24 (SM)	01	08.40	Sun.	20.40	Sunda	Sunday	W. Pit-1	23	GSLRD-02,WGSCN-10,WGACCW-1, WGACCN-04,GS-05,WCB-01
12	12945/46	01	14.35	Tuesd ay	07.30	Wednes	2/3	W. Pit-1	22	GSLRD-02,WGSCN-08,WGACCW-2, WGACCN-06,GS-04,FAC-01,WCB-01
13	22969/70 (SM)	01	02.00	Sat.	21.45	Sat	Saturda	W.Pit-1	22	LWLRRM - 2 , LWFAC - 1, LWACCW- 2, LWACCN - 6, LWSCN1-8 , LWS -3
14	16368/67	01	23.35	Sat.	16.20	Sun.	Sun.	W.Pit-2	22	LWLRRM - 1 , LWFAC - 1, LWACCW- 2, LWACCN - 3, LWACCNE-3,LWSCN1-6 , LWCBAC-1, LWS -4, LSLRD-01
15	SPARMV +T.W.	01	-	-	-	-	5	W.Pit-1	3	SV-01,TV-01,RH-01+18007/MBS/TRD,10962/MUV/TRD,190115/HDK/TRD

कोचिंग डिपो बनारस आधारित बनारस एवं वाराणसी सिटी स्टेशनों पर उपलब्ध हाईड्रेंट पाइप का विवरण

बनारस								
क्र.स	प्लेटफार्म संख्या	प्लेटफार्म की लम्बाई	मेन पाइप का डायमीटर	ब्रांच पाइप व काक का डायाम	काक का टाइप	मेक	कुल काक की संख्या	रिमार्क
1	01	570 मीटर	6 इंच	50 mm	हाईड्रेंट वाटर कंट्रोल वाल्व विथ डिटैचवल की	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	



Spring Breakages in LHB / Coaching Depot BSBS (April-2023 TO March-2024, 14.03.24)

S.N.	Month	Total No. of Coach	Primary outer spring	Primary Inner Spring	Secondary y outer spring	Secondary outer spring	Total Breakages Springs
1	April.23	5	2	3	0	0	10
2	May.23	10	4	6	0	0	22
3	June.23	7	3	4	0	0	20
4	July.23	5	5	0	0	0	10
5	Aug.23	8	5	3	0	0	16
6	Sep.23	13	10	1	0	1	34
7	Oct.23	2	1	0	0	1	8
8	Nov.23	12	8	3	0	1	32
9	Dec.23	14	4	10	0	0	34
10	Jan.24	2	1	1	0	0	5
11	Feb.24	10	4	6	0	0	21
12	March.24	9	7	2	0	0	19
	Total	97	54	39	0	3	231

Detail of Damaged LHB Coaching For Wheel Shelling (April-23 To. March.24, (14.03.24)

S.N.	Month	Total No. of Coach	Total No. of Wheel
1	April.23	21	92
2	May.23	13	47
3	June.23	17	82
4	July.23	12	44
5	Aug.23	09	25
6	Sep.23	07	24
7	Oct.23	21	96
8	Nov.23	13	80
9	Dec.23	18	72
10	Jan.24	08	48
11	Feb.24	20	85
12	March.24	6	46
	Total	165	741



Damper Position

From – April 23 To Feb.24

Month	Primary Vertical Damper	Yaw Damper	Secondary Vertical Damper	Secondary Lateral Damper	Total Damper
April.23	19	3	2	3	27
May.23	24	5	1	5	35
June.23	19	8	2	1	30
July. 23	16	5	4	4	29
Aug.23	11	9	2	3	25
Sept.23	3	0	0	0	3
Oct.23	15	8	2	5	30
Nov,23	12	5	4	4	25
Dec.23	2	1	0	0	3
Jan.24	12	9	0	4	25
Feb.24	15	6	4	5	30
Total	148	59	21	34	262



THANK
YOU

