



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002

REV NO: 01

DATE: 17.04.2018

ROLLING STOCK CERTIFICATE

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2019-20/1800

RLY	CR	COACH NO	202111/C	DATE OF DISPATCH	12-Mar-20
Type	LWACCW	Shell No.	93423	DISPATCH TO	SSE/STOCK/CSTM
				FUR.NO.	L2T(T)-125

- Railway Board's Order No. : 2019/M(C)/142/2, DATED-18.12.2019
- Tare Weight of Coach : 44.5 Tonnes
- Carrying Capacity : (a) Seating: 52 (b) Sleeping: 52 (c) Luggage: NIL

4. Special feature:

- Due to fitment of L3T roof in L2T shell, more space available in transverse side
- Extend linen room to accommodate the space NPP end (width 270 mm)
- Height (from floor level to ceiling) raised from 2250mm to 2510mm.
- Gap extend between transverse side upper berth and ceiling from 830mm to 894mm.
- Gap extend between transverse side lower berth and upper berth from 920mm to 1065mm.
- Gap extend between transverse side floor level to lower berth from 420mm to 465mm.
- Provision of sliding cum sleeping berth. (MAKE- M/S- TRANS RAIL INDS. KXH)
- Choke of 5/6 mm in DV side replace with 9 mm in both type (KBI & Faiv.) letter no. MC/LHB/Brake, DT. 27.09.18

5. SHELL LEADING DIMENSIONS:

S NO	DESCRIPTION	DIMENSION (MM)
1	Maximum length over body	23700
2	Maximum width over body	3240
3	Maximum height from Rail Level	4250
4	CBC height/Buffer height from Rail level 1105 +0/-10	NPP /PP 1098/1101

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1	Under frame	Front PP END	M/S-SFPL 19
		Part NPP END	M/S-SFPL 19
		Complete	M/S-SFPL 19
2	Lav. side wall	M/S-RAIL TECH KXH	LAV.1
		M/S-RAIL TECH KXH	LAV.2
3	Side wall	LH SIDE	LAV.3
		RH SIDE	LAV.4
		PP END	70
4	End wall	M/S-ECBT	70
		M/S-OMAX REWARI	
5	Roof	M/S-INDIRA	47
6	Centre Buffer Coupler	M/S-FRONTIER	PP 305P1 NPP 30P2

7. AIR BRAKE TEST REPORT:

S NO	ITEM	DESCRIPTION	SPEC. VALUE	OBSERVED
1	Full brake application	Reduce pressure of BP from 5.0 to 3.4 kg/cm ² .	6 - 10 sec.	07 sec
		Max. pressure in BC	3.0 ± 0.15 kg/cm ² .	3.0 kg/cm ²
		All Brake are applied	OK	OK
2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min.	No brake application	OK
3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, after 06 Sec.	Brake must apply	OK

8. PAINTING DETAILS:

S NO	DESCRIPTION	TYPE OF PAINT	MAKE	APPLICATION BY MCF/ CONTRACTOR (SUPPLY & APPLY)	AVERAGE GLOSS VALUE	DATE OF COMPLETION
1	Paint	P.U	VIBGYOR	M/S-VIBGYOR	89/88	27-Jan-20
2	Insulation			Satisfactory		

[Signature]
SSE/QC/MCF/RBL
गुणवत्ता विभाग
रेडिओ, रायबरेली (लागूज)



MODERN COACH FACTORY, RAEBARELI

आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002

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RLY	C	R	-	Coach No.	2	0	2	1	1	1	/	C	-	DATE OF DISPATCH	1	2	0	3	2	0	2	0
-----	---	---	---	-----------	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

DISPATCH	SSE/STOCK/CSTM	Type	L	W	A	C	C	W	Shell No.	9	3	4	2	3	FUR .NO	L2T-T-125
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	191258				191257			
Bogie Type	FIAT				FIAT			
Frame no.	WIL-491				WIL-469			
Bolster no.	MCF/RBL/LS-5 - 1200				MCF/RBL/LS-5 - 983			
Axle No	19 R - 7310 RWF		19 R - 6616 RWF		19 R - 6926 RWF		19 R - 6785 RWF	
Wheel Dia	917.465	917.373	917.428	917.343	917.443	917.345	917.389	917.33
Wheel Disc No	TZ 06-19 57249-9PH8	TZ 06-19 54691-9QH9	TZ 06-19 52249-9PJ6	TZ 06-19 54237-9QJ1	TZ 04-19 37334-9QJ8	TZ 04-19 35832-9QJ0	TZ 04-19 35735-9QJ1	TZ 04-19 36865-9QD3
R.B. Nos.	07-19 21245	07-19 21277	07-19 21229	07-19 22134	07-19 20430	07-19 21471	07-19 21485	07-19 20801
CTRB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	

10. SECONDARY SUSPENSION LOAD DEFLECTION VALUES :-

DESCRIPTION	Bogie NPP side		Bogie PP side	
	Secondary 1	Secondary 2	Secondary 1	Secondary 2
Make & Nos.	TAYAL & CO. Sr.NO.11-18 1408	TAYAL & CO. Sr.NO.11-18 1361	TAYAL & CO. Sr.NO.11-18 1247	TAYAL & CO. Sr.NO.11-18 1253

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	267024,267103	267069,267123
2.	Primary outer Spring	CMFSK	05-19 7411-551-(308,579,365,361)	05-19 1035-002-(324,408,401), 7411-551-303
3.	Primary Inner Spring	CMFSK	05-19 7143-559-(1382,1533,1215,1269)	05-19 7143-559-(1333,1257,1417,1581)
4.	Primary Damper	KONI	03-19 (04162,04219,02538,07772)	03-19 (07995,02522,02561,02615)
5.	Secondary Damper	KONI	04-19 (06932,06919)	04-19 (06974,06643)
6.	Lateral Damper	KONI	04-19 00979	04-19 00282
7.	Brake Cylinder	FAV	H19-(539,607,286,942)	H19-(965,533,469), K19-018
8.	Brake Caliper	FAV	K19-(673,671,703,705)-B	K19-(664,662,670,672)-B
9.	Brake Disc	FAV	FAV-07-19-(6555,6561,6554,6558)D-133561-300	FAV-07-19 (6373,6372,6370,6371)D-133561-300
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	AR/GMT		
12.	Traction Centre make	SARITA		
13.	Traction lever make	SARITA		
14.	Ball joint traction lever	SGA		
15.	Ball joint traction centre	GMT		
16.	Leveling Valve	KNORR	16-19-B-3619, 16-19-B-3965	16-19-B-3584, 16-19-B-3616
17.	Check Valve	KNORR	05-19 18676	02-19 16521
18.	Anti roll bar Make	EMSON		
19.	Roll Link inake	SARITA+ AR/ SARITA+GMT		
20.	Fork make	EMSON		
21.	Control Arm Upper	RVE	220619-2,220619-2,100619-2,100619-2	220619-2,010719-1,010719-1,010719-1
22.	Control Arm Lower	RVE	200619-2,170619-2,010719-3,RVE	010719-1,010719-1,080619-2,100619-2
23.	Phonic Wheel		FT/KEP-194,FT/KEP-194	KBI- K-07-19, K-07-19

Note:-

Signature of SSE/Bogie/QC



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				FUR.NO.	L2T(T)-125

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S-FAIVELY	A20182B
2	Distribution valve	M/S-FAIVELY	20015667B
3	Pull box	M/S-KBI	
4	FIBA	M/S-KBI	7518/29,7374/29
5	Foot Step	M/S-FABRICON LTD KOLKATA	
6	Decoupling arrangement	M/S-PULSAR RUBBER KOLKATA	
7	Floor board	M/S-SHRI RAM PNL	
8	PVC	M/S-RESPONSIVE MUMBAI	
9	UIC Vestibule (PPE)	M/S-SUNCRASST KOLKATA	
10	UIC Vestibule (NPPE)	M/S-SUNCRASST KOLKATA	
11	Gangway bridge mounting (PPE)	M/s- MMW KXH	
12	Gangway bridge mounting (NPPE)	M/s- MMW KXH	
13	Body Side Window	M/S- BIKRAN ENGG. GZB	
14	Emergency Window	M/S- BIKRAN ENGG. GZB	
15	Lavatory/hopper Window	M/S- AXSYS SOLUTION	
16	Roof Ceiling	M/S-MSL MOHALI	
17	Door way /gang way ceiling	M/s- RADISH ALIGARH	
18	Supply Air Duct	M/s- GANDHI SAFE & ALLIED JUC	
19	Partition panel	M/S-UNIVERSAL METAL NOIDA	
20	Partition pillar	M/S-NAGINA ENGG.WORKS KXH	
21	Side Wall panel	M/S- H.F.GLASS VADODARA	
22	AC Trough	M/S-MEENA FIBRE PUDUCHERY	
23	Body Side Doors	M/S-JVR LDH	
24	Compartment Door (PPE)	M/S-HANSPAL COACH KXH	
25	Compartment Door (NPPE)	M/S-HANSPAL COACH KXH	
26	Vestibule Door(PPE)	M/S- JBM FARIDABAD	
27	Vestibule Door(NPPE)	M/S- JBM FARIDABAD	
28	RMPU	M/S-SSK ENT.	
29	Bio Tank	M/S-JSL LIFE STYLE	
30	Pressurized flushing (ele. Pneu.)	M/S-IMI	
31	Auxiliary Water Tank	M/S-AMIT ENGG. MOHALI	
32	Under Slung Water Tank (2X685L)	M/S-OASIS	
33	Under Slung Water Tank (1x450 L)	M/S-AMIT ENGG. MOHALI	
34	Health Faucet	M/S-ARHAM HI TECH MUMBAI	
35	Lotah Filler Tap	M/S-ARHAM HI TECH MUMBAI	
36	Bib cock	M/S-KPR INDS MOHALI	
37	Lavatory Modules	M/S-ARHAM HI TECH MUMBAI	
38	Lavatory Doors	M/S-ARHAM HI TECH MUMBAI	
39	Fire Extinguisher	M/S-SAFE PRO	3352/3341
40	Automatic smoke & heat Detection with alarm System	M/S-SANROK ENT. FARIDBAD	
41	Seat & Berth	M/S- TRANS RAIL KXH	
42	Light Luggage Rack	M/S-RAIL FAB KXH	
43	Snack Table	M/S-DLJM NOIDA	
44	Ventury grill	M/S-ARHAM HI TECH MUMBAI	
45	RFID	NIL	

Signature

SSE/QC/MCF/RBL

वरि०अनु० अभियंता

गुणवत्ता विभाग

रे०डि०का०, रायबरेली (नालगंज)



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Type	LWACCW	Shell No.	93423	DISPATCH TO	SSE/STOCK/CSTM	FUR.NO.
						L2T(T)-125

13. MODIFICATION (IF ANY) : NIL

14. DEVIATION (IF ANY) : NIL

15. ITEM FITTED ON THE COACH ON TRIAL : NIL

S NO	ITEM PARTICULARS	PURPOSE	REPORT	REFERENCE &
			Frequency	PERIOD OF TRIAL

16. WARRANTY:

S NO	COMPONENTS	WARRANTY
1	Brake Pad, wheels, flushing valves, push gravity cocks, moldings, window glasses, mirrors, curtain clutch wire etc. (items which are consumable in nature)	NIL
2	Other coach furnishing sub assemblies(bought out items)	24 months from the date of dispatch of coach OR 30months from the date of supply of material whichever is earlier.

NOTE:

1. This warranty covers free supply of parts which wear out and fails within warranty period of normal service.
2. This doesn't covers faults arising out of accident, non standard maintenance practices, abnormal use or mishandling, vandal activity, arson & deficient/pilferage etc.
3. This doesn't cover any consequential liabilities or damages/loss incurred by anybody; furthermore, it shall in no case extend to repayment, return of the coach or replacement of complete coach.
4. Whether a defective part is to be replaced or repaired shall be at the discretion of MCF/RBL.
5. For any complain/ suggestion please Mail at qualityrcfbl@gmail.com
6. Painting on supply & apply contract :- supply of material and application shall be warranted for a period of three years from

Application for any manufacturing /Application as per clause -4, para- V of RDSO specification no .M&C/PCN/100/2013-Given below

S.No	Time period	Gloss Retention (initial gloss >85 unit at 60°)	Colour Retention rating on 0-10 scale (initial rating of painted panels/coach or ISC/RAL shade card shall be taken as 10)	Adherence of paints (with each other and with substrate) Cross-cut tape adhesion test as per ASTM D:3359/97(or latest)
1	After 1 year	80% of initial gloss	7	5B
2	After 2 year	70% of initial gloss	6	5B
3	After 3 year	60% of initial gloss	5	4B

If any imperfection is noticed or any defect arises during the warranty -period due to improper material used or due to bad workmanship, the contractor shall be bounded to set right the defect/ imperfection on free of cost basis at the base depot of the coach.

SSE/QC/MCF/RBL वरिष्ठ यंत्रिक अभियंता/गुणवत्ता	SME/AME/QC/MCF/RBL आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory Raebareli	Dy.CQM/MCF/RBL

गुणवत्ता विभाग
रेडिओ, रायबरेली (लागू)



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

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PAGE 1 OF 5

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB 2T COACH.

ELECTRICAL TEST CERTIFICATE FOR LHB 2T COACH.					
TYPE COACH		LWACCW		SHELL/COACH NO	
RAILWAY		CR		202111/C	
		ELECT. FIT DATE		06.03.2020	
				MCF EUR. NO.	
				2T-T-125	
Sr. no.	Description of tests				Remarks
1.0	REFERENCE SPECIFICATION : L 446				
1.1	AIR CONDITIONING TEST : ELPS/TP/AC 01.				
2.0	INSULATION RESISTANCE : Setting of insulation monitoring relay at 30K ohms as per TD 111 of M/s LHB.				
	Observed status : HEALTHY				
3.0	AIR DELIVERY MEASUREMENT		OBSERVED VALUE		OK
3.1	Fresh Air		20.03 Cub mtr/min		OK
3.2	Return Air		69.46 Cub mtr/min		OK
3.3	Exhaust Air		5.93 Cub mtr/min		OK
3.4	Conditioned Air		177.72 Cub mtr/min		OK
4.0	PRE COOLING TEST: Max 01 hr. Time taken to pre cool from 45 deg centigrade to 24/22 deg C during OFF LOAD condition Not done due to Ambient temp. below 22°C				----
5.0	PULL DOWN TEST: Max 02 hrs. Time taken to pull down from 45 deg C to 24/22 deg C during FULL LOAD condition. Not Done.				-----

[Signature]

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli





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PAGE 2 OF 5

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB 2T COACH.

ELECTRICAL TEST CERTIFICATE FOR LHB 2T COACH.		
Sr. no.	Description of test	Remarks
6.0	HUMIDITY CONTROL	OK
7.0	PUMP EQUIPMENTS	OK
8.0	WORKING OF EXHAUST FANS OVER LAVATORIES	OK
9.0	WORKING OF BERTH READING LIGHTS	OK
10.0	WORKING OF COMPARTMENT LIGHTS	OK
11.0	WORKING OF MOBILE CHARGING SOCKETS	OK
12.0	WORKING OF PUBLIC ADDRESSING SYSTEM (PAS)	OK
13.0	WORKING OF WHEEL SLIDE PROTECTION SYSTEM (WSP)	OK
14.0	WORKING OF 60KVA TRANSFORMER	OK
15.0	WORKING OF 5 KVA TRANSFORMER	OK
16.0	WORKING OF REGULATED BATTERY CHARGER	OK
17.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
18.0	WORKING OF COMPOSITE PANTRY(ONLY FOR RAJDHANI COACH)	OK
19.0	SAFETY :	---
19.1	OHP :	OK
19.1	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
19.2	LP/HP GAUGE	OK
19.3	HYGROSTAT	OK
19.4	CONTROL CIRCUIT	OK
19.5	POWER CIRCUIT	OK
20.0	REFRIGERANT USED R 407C	OK

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REV NO: 00

PAGE 3 OF 5

ROLLING STOCK CERTIFICATE OF LHB 2T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
01.	Roof Mounted AC package unit for LHB AC coaches Make : SSK Sr no of RMPU 1 (NPP side) : 1400/20 Sr no of RMPU 2(PP side): 1401/20 Sr no of Microprocessor. : AE 19.11.077	As per RDSO/PE/SPES/AC/0061/REV -1/2005	01 Set
02.	Switch board cabinet Make : MV ELECTRO SYSTEMS Sr no : 20010067	As per spec no. RDSO/PE/SPEC/AC/0184- 2015(REV.0)	01 no.
03.	Pump equipment with PLC controller & pump box Make: DR AUTO PA Sr.no: 20/01/0040 Sr no.1: 19110370 Sr no.2 : 19110328 Sr.no.CPA: 2019/12/0782-DR AUTO	As per spec EDTS 186,Rev-a, Am- 2. As per Spec. EDTS186, & drg no. CC71328 & LW70020 for P/CNTR.	01 Set
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cu.mtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : EYYANI	EDTS331, TYPE-1 CORR.- 1&2	02 no.
05.	Provision of Passenger area LED Light(Cabin) Make: RT VISION	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-L	09 no.
06.	Mounting of Passenger area light(Cabin/corridor)	As per drg no. LW 76090.	--
07.	Provision of Cabin/Corridor Light with Night light. Make: ENSAVE	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-M	09 no.
08.	Mounting of Cabin/Corridor Light with Night light	As per drg no. LW 76091.	--
09.	Provision & mounting of Doorway/ Gangway light. Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-N & Drg no. LW 76099	07 no.
10.	Provision & Mounting of PACIL Assly. Make: WAVES	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-I Drg no. LW 76098.	02 no.
11.	Provision & Mounting of WC light. Make: DHINGRA	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-H1 Drg no. LW 76097.	02 no.
12.	Provision & Mounting of Lavatory Light. Make: K.LITE	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-D & Drg no. LW 76092.	04 no.
13.	Provision of Emergency Lighting system Make: A PAUL	As per RDSO/PE/Spec/AC/0180- 2016(Rev-0),Type-2 or Latest.	04 no.

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PAGE 4 OF 5

ROLLING STOCK CERTIFICATE OF LHB 2T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
14.	PA system for LHB coaches Make: AHUJA	EDTS 173,Rev- a Am-1,2&3	01 Set
15.	Provision of terminal strip complete	EDML 034,Rev-C,DRG NO.LW76054	01 Set
16.	Diffuser complete w/o item 1& 2.	LW 76012,Alt-a	--
17.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate & 2 no. ON_ OFF switches 6A,250 V AC and 1 no. 5-pin socket 6A,250V AC with 1.0 Amp glass fuse. Make : SSK	As per spec EDML-064,REV- B,Am-1 alt 'c' Item-4 ,Drg. No. LW74202	09 no.
18.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 1 no. ON-OFF switches and 1 no. 5-pin socket 6A, 250 V AC 1 no. 1.0 Amp glass fuse. Make : SSK	As per spec EDML-064,REV- B,Am-1 alt 'c' Item 16,Drg. No. LW74202	34 no.
19.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 3 no. ON-OFF switches and 1 no. 5-pin socket 6A, 250 V AC 1 no. 1.0 Amp glass. Make : SSK	As per spec EDML-064,REV- B,Am-1 alt 'c' Item-5, Drg. No. LW74202	09 no.
20.	Provision & Mounting of reading light for upper berth Make : DEVINTEC	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F2 & Drg no LW 76094	26 no.
21.	Provision & Mounting of reading light for transverse berth (RHS) Make: DEVINTEC	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F3 & Drg no. LW 76095	09 no.
22.	Provision & Mounting of reading light for berth transverse (LHS) Make: WAVES	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F4 & Drg no. LW 76096	08 no.
23.	Provision & Mounting of reading light for berth Longitudinal. Make: DEVINTEC	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F1 & Drg no LW 76096	09 no.
24.	Provision of High Capacity Inter -Vehicular Coupler Unit (ZS Coupling) (500 A,750 V,3 ph,50 Hz). Make: 1.(NPP): MAA LAXMI INDUSTRIES 2.(PP): MAA LAXMI INDUSTRIES	As per Spec. no. RDSO/PE/SPEC/AC/0177(R ev.-0)-2013 with annexure-A, B.	01 set
25.	70AH/110V, 54 Cells, 02V each, maintenance free pure lead acid tin monoblock, battery set with 09 modules 12V each. , factory pre charged. Make : AMARA RAJA Lug date : 11/19	EDTS 129,Rev nil	01 set

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REV NO: 00

PAGE 5 OF 5

ROLLING STOCK CERTIFICATE OF LHB 2TCOACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
26.	Provision of Cable Jacket, Size 75, 50, 20 mtr.	As per spec no. EDTS 0138, Item 5,8,11	--
27.	Provision of cable binder.	As per Drg. No. cc76129, Item 2,4.	---
28.	Battery box for LHB coaches. Make: HITECH	As per drgno 1 10113 0 76 700 005, Alt C	01 no.
29.	Battery fuse box +ve Make: AECO	LW 71001, Alt-H	01 no.
30.	Battery fuse box -ve Make: AECO	LW 71002, Alt-I	01 no.
31.	4.5 Kw Under slung type Constant Voltage Regulated Battery charger cum Emergency battery charger Make: PI ENGG.WORKS Sr. no.: PI-19120216	As per spec no. RDSO/PE/SPEC/AC/0183-2015(REV.-1)	01 no.
32.	Provision of 5 KVA TFR Make: WAVES SL.no.: WLDT5L 19674	As Per EDTS-366, REV-NIL & CC-71510	01 no.
33.	Provision of capacitor Bank Make: KONTACT SL.no.: KT-310	As per EDML-130 Rev-1, Corr-1	01 no.
34.	60KVA transformer Make: VIMAL Sr no: VTC-R-3089-LHB-2678	As per spec no. RDSO/PE/SPEC/AC/0080-2007 (REV-1)	01 no.
35.	Feeder junction boxes. Make: AECO	EDTS-328 REV-C	01 set
36.	Wheel set earthing equipment. Make: DARSHAN ENTERPRISES	EDTS101, REV-C, AM-1	01 set
37.	Wheel Slide Protection System (WSP) Make: FAIVELEY Sr. no: I 1276	As per MDTs 077, Rev.-2 M/s "FAIVELEY" or "Knorr Bremse", or "ESCORTS"	01 set
38.	Provision of External supply Socket 125A/415V/IP67/5-Pole (3Ph+1N+1E) complete with pilot contacts. Make: JAI BALAJI	Cat no. 1948036/UIV4125-6 with RCF annexure-A - 02 nos	02
39.	PANTRY EQUIPMENTS (ONLY FOR RAJDHANI COACH): Hot Case, Bottle cooler cum deep freezer Make: N/F	As per spec no EDTS 139, Rev-E, Sec II.	NA
40.	Razor socket for WC 110/240V. Make: SSK	EBML 847 Rev nil	94

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