

		Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली				DOC NO.: MCF/RBL/QMF 8002 REV NO: 02 DATE: 28.05.21	
ROLLING STOCK CERTIFICATE(AC COACH) Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2022-2023 401/8702							
RLY	NER	COACH NO	223726/C		DATE OF DISPATCH		9-Sep-22
Type	LWACCN	Shell No.	3T-22182	DISPATCH TO	Sr.DME/C&W/GHY		FUR.NO. L3T-2413
1	Railway Board's Order No. 2022 (C)/142/2,Dt- 28.03.2022						
2	Tare Weight & Carrying Capacity of Coach :						
S.N	COACH TYPE	LWACCN	LWACCW	LWLRRM	LWCBAC	LFCWAC	LWSCZAC
I	Tare Weight	45.6	44.5	53.2	39	42.5	40.28
II	Seating	72	52	NIL	15	10+28	78
III	Sleeping	72	52	NIL	15	10+28	NIL
IV	Luggage	NIL	NIL	3.9	NIL	NIL	NIL
3	Special feature:						
I	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						
II	Venturi arrangement in lavatory						
4	Smart feature: NIL						
5	SHELL LEADING DIMENSIONS:						
S.N	DESCRIPTION					DIMENSION (MM)	
I	Maximum Length over body					23540	
II	Maximum Width over body					3240	
III	Maximum Height from Rail Level			LWACCN , LWACCW		LWLRRM,LWCBAC,LFCWAC,LWSCZAC,LWFAC,LWFCZAC	
				4250		4039	
IV	CBC height/Buffer Height from Rail level			1105 +0/-10		NPP/PP 1102/1105	
6	TRACEABILITY OF SHELL ITEMS:						
S.N	ITEM			MAKE/SUPPLIER		SERIAL NO	
I	Under frame	Front	PP END	M/S-SFPL		---	
		Part	NPP END	M/S-SFPL		---	
		Complete	MCF/CONT.V4U TECHIE		3T-22182		
II	Lav. side wall			MCF/RBL	LAV.1	-----	LAV.2
				MCF/RBL	LAV.3	-----	LAV.4
III	Side wall	LH SIDE	MCF/RBL-CONT.PS LLJ		36		
		RH SIDE	MCF/RBL-CONT.PS LLJ		36		
IV	End wall	PP END	M/S-EEPL		-----		
		NPP END	M/S-EEPL		-----		
V	Roof			M/S-JSL		12	
VI	Centre Buffer Coupler			M/S-FRONTIER		NPP/PP	132P1/158P3
VII	Buffer			NA		NPP/PP	N/A
7	AIR BRAKE TEST REPORT:						
S.N	ITEM		DESCRIPTION			SPEC. VALUE	
I	Full brake application		Reduce pressure of BP from 5.0 to 3.4 kg/cm ² .			6 – 10 sec.	
			Max. pressure in BC			3.0 ±0.15 kg/cm ² .	
			All Brake are applied			OK	
II	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min.			No brake application	
III	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /Sec, after 06 Sec.			Brake must apply	
IV	Handbrake(Parking brake)for generator car	1.Apply hand brake				1.Hand Bk. Indicator should be red	
		2.Release hand brake				2. Hand Bk. indicator should be green	
8	FIRE TESTING:						
S.N	DESCRIPTION			SPEC. VALUE			OBSERVED
I	Smoke detection			A-controller should display smoke in zone 1,2			B-strobe light & hooter should activate
II	Heat detection			A-controller should display smoke/heat in zone 1,2			B- strobe light & hooter should activate
9	PAINTING DETAILS:						
S.N	DESCRIPTION	TYPE OF PAINT	MAKE	APPLICATION BY MCF/ CONTRACTOR (SUPPLY & APPLY)		AVERAGE GLOSS VALUE SIDE WALL/END WALL	DATE OF COMPLETION
I	Paint	P.U	M/S-VIBGYOR	M/S-VIBGYOR		88/88	28-Jun-22
II	Insulation-	Satisfactory		ANTIGRAFFITE COATING-		NIL	WET ON WET-
10	COACH FURNISH DETAILS :						
S.N	ACTIVITIES		FIRM		TURNKEY/WORK CONTRACT/SUPPLY&APPLY		
I	Coach Furnishing		M/S-DHANLAKSHMI ENGG.		WORK CONTRACT		
II	Air Brake		M/S-FLUID TEQ		SUPPLY&APPLY		
III	Bio toilet & flushing		M/S-VEDANSH ENT.		SUPPLY&APPLY		
IV	Fire detection		M/S-SANROK		SUPPLY&APPLY		
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		आधुनिक रेल डिब्बा कारखाना, रायबरेली		REV NO: 02 DATE: 28.05.2021	
ROLLING STOCK CERTIFICATE(AC COACH)					
Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2022-2023 401/8702					
RLY	NER	COACH NO	223726/C	DATE OF DISPATCH	9-Sep-22
Type	LWACCN	Shell No.	3T-22182	DISPATCH TO	Sr.DME/C&W/GHY
11	MODIFICATION (IF ANY)		: NIL		
12	DEVIATION (IF ANY)		: NIL		
13	ITEM FITTED ON THE COACH ON TRIAL		: NIL		
S.N	ITEM PARTICULARS		PURPOSE	REPORT Frequency	REFERENCE & PERIOD OF TRIAL
i					
14.A	TRACEABILITY OF FURNISHING ITEMS:(common items for all coach)				
S.N	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)		
I	Air Brake Module	M/S-ESCORTS	12-21-1723		
II	Distribution valve	M/S-ESCORTS	12-21-1723		
III	Pull box	M/S-FAIVELEY			
IV	FIBA	M/S-TOP GRIP	03-22-1239/03-22-1238		
V	Foot Step	M/S-SHANKAR METAL WORKS KANPUR			
VI	Decoupling arrangement	M/S-ELASTOMER LINING WORK			
VII	Floor board	M/S-TWPL MUMBAI			
VII	PVC	M/S-RESPONSIVE IND. MUMBAI			
IX	UIC Vestibule (PPE)	M/S-SUNCREST IND. KOLKATA			
X	UIC Vestibule (NPPE)	M/S-SUNCREST IND. KOLKATA			
XI	Gangway bridge mounting (PPE)	M/S-SHASHWAT STEEL WORKS			
XII	Gangway bridge mounting (NPPE)	M/S-SHASHWAT STEEL WORKS			
XIII	Body Side Window	M/S-SHATABDI SAFETY VADODARA			
XIV	Emergency Window	M/S-SHATABDI SAFETY VADODARA			
XV	Lavatory/hopper Window	M/S-AXSYS SOLUTION SIRMOUR			
XVI	Roof Ceiling	M/S-CMT MECHANISED SYSTEM VADODARA			
XVII	Door way /gang way ceiling	M/S-GANDHI SAFE & ALLIED IND. JALANDHAR			
XVIII	Supply Air Duct	M/S-UNIVERSAL ENGG. CHENNAI			
XIX	Partition panel	M/S-MILTON IND. LTD. (HONEYCOMB)			
XX	Partition pillar	M/S-PARTH RAJ TECH IND. KXH.			
XXI	Side Wall panel	M/S-HINDUSTAN FIBRE GLASS VADODARA			
XXII	AC Trough	M/S-MSL(NPP)/JBMR(PP)			
XXIII	Body Side Doors	MCF/RBL			
XXIV	Compartment Door (PPE)	M/s-POOJA SALES CORPO HRY			
XXV	Compartment Door (NPPE)	M/s-POOJA SALES CORPO HRY			
XXVI	Vestibule Door(PPE)	M/S-JBM INDUS. FARIDABAD			
XXVII	Vestibule Door(NPPE)	M/S-JBM INDUS. FARIDABAD			
XXVIII	RMPU	M/S-INTECH CORPORATION			
XXIX	Bio Tank	M/S-JSL LIFE STYLE LTD.(2)/UNIFAB(2)			
XXX	Pressurized flushing (ele. Pneu.)	M/S-CEMCON			
XXXI	Auxiliary Water Tank	M/S-MANOJ ENT.			
XXXII	Under Slung Water Tank (2X685L)	M/S-DTL LTD. PUNE			
XXXIII	Under Slung Water Tank (1x450 L)	M/S-JSL LIFE STYLE			
XXXIV	Health Faucet	M/S-JSL LIFE STYLE			
XXXV	Lotah Filler Tap	M/S-JSL LIFE STYLE			
XXXVI	Bib cock	M/S-AGMECO PVT. LTD.			
XXXVII	Lavatory Modules	M/S-JSL LIFE STYLE			
XXXVIII	Lavatory Doors	M/S-JSL LIFE STYLE			
XXXIX	Fire Extinguisher	M/S-CAPITAL FIRE	014410/014415		
XL	Seat & Berth	M/S-MV-MOBILITY LTD. PALWAL			
XLI	Snack Table	M/S-INTERNATIONAL TRACTORS LTD.			
XLII	Light Luggage Rack	M/S-PLATONIC INDIA KANPUR			
XLIII	Venturi grill	M/S-JSL LIFE STYLE			
XLIV	Auto janitor	M/S-JSL LIFE STYLE			
XLV	Automatic smoke & heat Detection with alarm System	M/S-SANROK			
14.B	TRACEABILITY OF FURNISHING ITEMS:(items for variant wise)				
I	Vacuum toilet system	NA			
II	Odour control system	NA			
III	CCTV	NA			
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	MODERN COACH FACTORY, RAEBARELI आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QMF 8002
		REV NO.: 02
		DATE: 28.05.2021

ROLLING STOCK CERTIFICATE (AC COACH)
Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2022-23/ -401/8702

RLY	N	F	R	Coach No.	2	2	3	7	2	6	/	C	-	DATE OF DISPATCH	0	9	0	9	2	0	2	2
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DISPATCH	Sr.DME/C&W/GHY	Type	L	W	A	C	C	N	Shell No.	2	2	1	8	2	-	FUR .NO	L3T - 2413
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15. DETAIL OF BOGIES:-

ITEMS	NPP Side				PP Side			
Bogie No	221103				221104			
Bogie Type	FIAT				FIAT			
Frame no.	KANSAL ENGG. - 708				RAIL TECH - 1173			
Bolster no.	RKFL - 150				RKFL - 184			
Axle No	22 L- 6832 RWF		22 M - 1096 RWF		00769 MSF		03506 MSF	
Wheel Dia	917.05	917.06	917.19	917.05	917.16	917.07	917.13	917.15
Wheel Disc No	TZ 06-22 50385-2QH1	TZ 06-22 52479-2R08	TZ 06-22 50603-2QH5	TZ 06-22 52871-2RI5	TZ 06-22 50601-2QH5	TZ 06-22 52281-2R04	TZ 06-22 50896-2QG9	TZ 06-22 30872-2QH4
R.B. Nos.	01-22 404007	01-22 400592	01-22 400796	01-22 600107	01-22 400598	01-22 402804	01-22 404142	01-22 402754
CT R B Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	

16. 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.- 07-22 2825	TAYAL & CO. SR.NO.- 07-22 2843	TAYAL & CO. SR.NO.- 07-22 2834	TAYAL & CO. SR.NO.- 07-22 2847

17. TRACEABILITY OF BOGIE ITEMS:-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	AB-(69319,69290)	AB-(69695,69271)
2.	Primary outer Spring	CMFSK	06-22-F05-183-(902,976,884,893)	06-22-F05-183-(916,977,1067,100)
3.	Primary Inner Spring	CMFSK	04-22-F04-180-(496,1130,541,529)	04-22-F04-180-(164,1239,503,483)
4.	Primary Damper	IAI	07-21-AB-(73763,77454,36448,36997)	07-21-AB-(37218,37192,37543,36557)
5.	Secondary Damper	ESCORT	05-22-(2951,2946)	05-22-(3428,3407)
6.	Lateral Damper	IAI	09-21-AB-51463	09-21-AB-51324
7.	Brake Cylinder	ESCORT	70120,68965,68966,70121	70995,69993,69992,70994
8.	Brake Caliper	ESCORT	45175,45643,45644,45176	46392,46236,46235,46391
9.	Brake Disc	WSD	64-11-(22040297,22040298,22020211,22020213)	64-11-(22020056,22020148,22020177,22020176)
10.	Ball Joint Control Arm	BONY		
11.	Lateral Bump Stop	PPI		
12.	Traction Centre make	RNG		
13.	Traction lever make	JI		
14.	Ball joint traction lever	BONY/AR		
15.	Ball joint traction centre	AR/GMT		
16.	Leveling Valve	KNORR	06-22-E-8504,06-22-E-8269	06-22-E-8387,06-22-E-8388
17.	Check Valve	KNORR	05-22-36981	05-22-36307
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SF+AR		
20.	Fork make	SF		
21.	Control Arm Upper	KUMAR	D-(5023,5442,5856,5850)	N-6870,D-3683,N-5875,D-8078
22.	Control Arm Lower	KUMAR	N-(3336,2665,2673,5871)	D-2682,N-2667,N-5815,N-5871
23.	Phonic Wheel	ESCORT	ESCORT	ESCORT

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Vibgyor Paints & Chemicals Pondicherry

Office : Sri Balaji Apartments, 87/47, Harrington Road,
Shenoy Nagar, Chennai - 600 030.
Web : www.vibgyorpaintspondicherry.com

ISO : 9001 : 20
ISO : 14001 : 20
Certified Company

WARRANTY CERTIFICATE

To,

DY.CME/FUR/PAINT
MODERN COACH FACTORY
RAEBARELI, LALGANJ- 229120

Date:- 18/07/20

SUBJECT: -PERFORMANCE WARRANTY CERTIFICATE

REF: PO NO: 06211124101531 dated 21.09.2021

NAME OF WORK: SUPPLY AND APPLY OF EXTERIOR PAINT OF LHB DEEN DAYALU COACHES

Dear Sir,

With reference to above, we do hereby confirm the warranty for Three years from the date of application of the delivered below mention coaches vide your above referred purchase order after application & date inspection at your end.

SL.NO	SHELL NO	FURNISHING NO	COACH NO	RAILWAY NO	DATE OF COMPLETION
22.	3T 22182	L3T 2413			28/06/2022

The warranty is applicable from date of despatch against the below mention defects as per RDSO Specification no. M&C/PCN/100/2013.

Gloss level value of applied paint initial 85 unit (on the date of painting) and minimum 80% 70% 60% of initial gloss after one year, two years, three years respectively from the date of application.

Decolonization of paint film.

Cracking of paint film

Peeling of paint film

Blistering of the paint film

Top coat Gloss value - 88.32



Thanking You

For Vibgyor paints & chemicals Pondicherry
Authorized Signatory

	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QEF/8001
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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

ELECTRICAL TEST CERTIFICATE FOR LHB EOG 3T COACH.											
TYPE COACH		LWACCN		SHELL/COACH NO		223726/C					
RAILWAY		NFR		ELECT. FIT DATE		06-08-2022		MCF FUR. NO.		3T-2413	
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				29.16 Cub mtr/min				OK		
3.2	Return Air				72.46 Cub mtr/min				OK		
3.3	Exhaust Air				7.26 Cub mtr/min				OK		
3.4	Conditioned Air				179.90 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. PP Side :22.7°C NPP Side :21.2°C									OK	
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.									OK	
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)									N/A	
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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ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
01.	Roof Mounted AC package unit for LHB AC coaches. Make : INTEC Sr no of RMPU 1(NPP side) : 22F2480 Sr no of RMPU 2(PP side): 22F2476 Sr no of Microprocessor. : 22035246 SIDWAL	As per RDSO/PE/SPES/AC/0061/REV-1/2005	01 Set
02.	Switch board cabinet Make : MODERN RAILTECH Sr no : MREM 0184214	As per spec no. RDSO/PE/SPEC/AC/0184-2015(REV.0) MEDTS-0004,Rev.-1 for Smart SBC	01 no.
03.	Pump equipment with PLC controller & pump box. Make: DR AUTO PA Sr.no: 22/01/0016 Sr no.1: 21/10/4535 Sr no.2 : 21/10/4632 Sr.no.CPA: 21120099 KIND	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 : INTEG Sr no 1: 202202973 Sr no 2: 2022021013	EDTS331, TYPE-1 CORR.-1&2	02 no.
05.	Provision of Passenger area LED Light(Cabin) Make: INTEG	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.	OK
07.	Provision of Cabin/Corridor Light with Night light. Make: MIKA	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.	OK
09.	Provision & mounting of Doorway/ Gangway light. Make: DHINGRA	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: AKG	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: IMT	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: INTEG	As per RDSO/PE/Spec/AC/0180-2016(Rev-0),Type-2 or Latest.	04 no.
14.	Provision of razor socket for WC for 110/240V Make: SSK	. EDML047,ITEM-4	04 no.
15.	PA system for LHB coaches Make: AHUJA	EDTS 173,Rev- B,Cor-1.	01 Set
16.	Provision of terminal strip complete	EDML 034,Rev-C,DRG NO.LW76054	01 Set
17.	Diffuser complete w/o item 1& 2.	LW 76012,Alt-a	Ok
18.	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 : SKS	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-4 ,Drg. No. LW74202	09 no.

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ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
19.	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 : SKS	As per spec EDML-064,REV-B,Am-1 alt 'c' Item 16,Drg. No. LW74202	54 no.
20.	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 : SKS	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-5, Drg. No. LW74202	09 no.
21.	Provision & Mounting of reading light for upper berth. Make : INTRA	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F2 & Drg no LW 76094	27 no.
22.	Provision & Mounting of reading light for transverse berth (RHS). Make: : RT VISION	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F3 & Drg no. LW 76095 v	18 no.
23.	Provision & Mounting of reading light for berth transverse (LHS). Make: DHINGRA	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F4 & Drg no. LW 76096 -	18 no.
24.	Provision & Mounting of reading light for berth Longitudinal. Make: IMT	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F1 & Drg no LW 76096 -	09 no.
25.	Provision of High Capacity Inter –Vehicular Coupler Unit (ZS Coupling) (500 A,750 V,3 ph,50 Hz). Make:- 1.(NPP): PRIME ELECT. 2.(PP): PRIME ELECT.	As per Spec. no. RDSO/PE/SPEC/AC/0177(Rev.-0)-2013 with annexure-A, B.	01 set
26.	70AH/110V, 54 Cells, 02V each, maintenance free pure lead acid tin monoblock, battery set with 09 modules 12V each. , factory pre charged. Make : HBL Sr no : 1627 TO 1635 Lug date : 06/22	EDTS 129,Rev nil	01 set
27.	Provision of Cable Jacket, Size 75, 50, 20 mtr.	As per spec no. EDTS 0138, Item 5,8,11	ok
28.	Provision of cable binder.	As per Drg. No. cc76129 ,Item 2,4.	ok
29.	Battery box for LHB coaches. Make: METAFIL	As per drgno 1 10113 0 76 700 005,Alt C	01 no.
30.	Battery fuse box +ve Make : RADIANT ELECTRICALS	LW 71001,Alt-H	01 no.
31.	Battery fuse box –ve Make : SSK	LW 71002,Alt-I	01 no.
32.	Provision of Regulated Battery Charger Make: ELECTRONIC EQUIPMENT COMPANY Sr. no.: 06220082	As per spec no. RDSO/PE/SPEC/AC/0183-(REV.-0) . Or RDSO/PE/SPEC/AC/0183-2015(REV.-1)-For Under slung RBC cum EBC.	01 no.
33.	Emergency battery charger Make : N/A Sr.no.: N/A	EDTS163,REV-C,COR-2&3	N/A

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ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
34.	Provision of 5 KVA TFR Make : BHASIN Sr no : 04228972	As Per EDTS-366,REV-NIL & CC-71510	01 no.
35.	Provision of capacitor Bank Make: KONTACT SL.no.: KT-206	As per EDML-130 Rev-1,Corr-1	01 no.
36.	60KVA transformer Make : VIMAL Sr no : VTC(V)-3089 LHB-2668	As per spec no. RDSO/PE/SPEC/AC/0080-2007 (REV-1)	01 no.
37.	Feeder junction boxes. Make : RSI SWITCHGEAR	EDTS-328 REV-C	01 set
38.	Wheel set earthing equipment. Make : DARSHAN ENTERPRISES	EDTS101,REV-C,AM-1	01 set
39.	Wheel Slide Protection System (WSP) Make : ESCORTS Sr. no : 210010-63177-0181	As per MDTS 077,Rev.-2 M/s"FAIVELEY" or "Knorr Bremse", or "ESCORTS" or "JWL-DAKO-CZ"	01 set
40.	Provision of External supply Socket 125A/415V/IP67/5-Pole (3Ph+1N+1E) complete with pilot contacts. Make: MV	Cat no. 1948036/UIV4125-6 with RCF annexure-A - 02 nos	02
41.	PANTRY EQUIPMENTS(ONLY FOR RAJDHANI COACH). Hot Case, Bottle cooler cum deep freezer Make : N/A	As per spec no EDTS 139, Rev- E, Sec II.	N/A

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