



**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/2021-2022 /796

RLY	CR	COACH NO	213245/C				DATE OF DISPATCH	11-Oct-21	
Type	LWACCN	Shell No.	21C078	DISPATCH TO	Sr.DME/C&W/LTT/BB		FUR.NO.	L3T-1760	
1	Railway Board's Order No.		:2020 (C)/142/2,Dt- 29.01.2021						
2	Tare Weight & Carrying Capacity of Coach :								
S.N	COACH TYPE	LWACCN	LWACCW	LWLRRM	LWCBAC	LFCWAC	LWSCZAC	LWFAC	LWFCZAC
i	Tare Weight	45.6	44.5	53.2	39	42.5	40.28		39
ii	Seating	72	52	NIL	15	10+28	78	24	56
iii	Sleeping	72	52	NIL	15	10+28	NIL	24	NIL
iv	Luggage	NIL	NIL	3.9	NIL	NIL	NIL	NIL	NIL
3	<b>Special feature:</b>								
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	<b>Smart feature: NIL</b>								
5	<b>SHELL LEADING DIMENSIONS:</b>								
S.N	DESCRIPTION						DIMENSION (MM)		
i	Maximum Length over body						23700		
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		1099/1103	
6	<b>TRACEABILITY OF SHELL ITEMS:</b>								
S.N	ITEM			MAKE/SUPPLIER		SERIAL NO			
i	Under frame	Front	PP END	M/S-DTL		25			
		Part	NPP END	M/S-DTL		25			
		Complete		M/S-DTL		25			
ii	Lav. side wall			M/S-RAIL TECH KXH		LAV.1	-----	LAV.2	-----
				M/S-RAIL TECH KXH		LAV.3	-----	LAV.4	-----
iii	Side wall	LH SIDE		M/S-ECBT		185			
		RH SIDE		M/S-ECBT		185			
iv	End wall	PP END		M/S-DTL		-----			
		NPP END		M/S-DTL		-----			
v	Roof			M/S-INDIRA		04			
vi	Centre Buffer Coupler			M/S-ESCORT		NPP/PP		7544/7549	
vii	Buffer			NA		NPP/PP		N/A	
7	<b>AIR BRAKE TEST REPORT:</b>								
S.N	ITEM		DESCRIPTION			SPEC. VALUE		OBSERVED	
i	Full brake application		Reduce pressure of BP from 5.0 to 3.4 kg/cm <sup>2</sup> .			6 – 10 sec.		08 Sec.	
			Max. pressure in BC			3.0 ±0.15 kg/cm <sup>2</sup> .		3.0 kg/cm <sup>2</sup>	
			All Brake are applied			OK		OK	
ii	Insensitivity		Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min.			No brake application		OK	
iii	Sensitivity		Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, after 06 Sec.			Brake must apply		OK	
iv	Handbrake(Parking brake)for generator car		1.Apply hand brake			1.Hand Bk. Indicator should be red		OK	
			2.Release hand brake			2. Hand Bk. indicator should be green		OK	
8	<b>FIRE TESTING:</b>								
S.N	DESCRIPTION		SPEC. VALUE				OBSERVED		
i	Smoke detection	A-controller should display smoke in zone 1,2	B-strobe light & hooter should activate		OK				
ii	Heat detection	A-controller should display smoke/heat in zone 1,2	B- strobe light & hooter should activate		OK				
9	<b>PAINTING DETAILS:</b>								
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		77/95		8-Oct-21	
ii	Insulation-	Satisfactory		ANTIGRAFFITE COATING-	YES	WET ON WET-		YES	
10	<b>COACH FURNISH DETAILS :</b>								
S.N	ACTIVITIES		FIRM		TURNKEY/WORK CONTRACT/SUPPLY&APPLY				
i	Coach Furnishing		M/S-SRI DHANLAKSHMI ENGG.		WORK CONTRACT				
ii	Air Brake		M/S-TUBE FIT/F.T		WORK CONTRACT				
iii	Bio toilet & flushing		M/S-VEDANSH ENT.		SUPPLY&APPLY				
iv	Fire detection		M/S-J.K EXIM PVT LTD		SUPPLY&APPLY				

12/01/22

SSE/QC/MCF/RBL

वरिष्ठ अनुष्ठानिक अभियंता

गुणवत्ता विभाग

रेल डिब्बा कारखाना, रायबरेली (लालगंज)



Modern Coach Factory Raebareli  
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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RLY	CR	COACH NO	213245/C	DISPATCH TO	Sr.DME/C&W/LTT/BB	DATE OF DISPATCH	11-Oct-21
Type	LWACCN	Shell No.	21C078			FUR.NO.	L3T-1760

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	REFERENCE &
			Frequency	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-KBI	7061 -08/2021
ii	Distribution valve	M/S-KBI	14681-07/2021
iii	Pull box	M/S-KBI	
iv	FIBA	M/S-KBI	20641/29,20361/29
v	Foot Step	M/S-SHANKAR METAL WORKS KANPUR	
vi	Decoupling arrangement	M/S-PULSAR RUBBER KOLKATA	
vii	Floor board	M/S-SRI RAM PNL	
viii	PVC	M/S-PREMIER POLYFILM GZB	
ix	UIC Vestibule (PPE)	M/S-SUNCREST KOLKATA	
x	UIC Vestibule (NPPE)	M/S-SUNCREST KOLKATA	
xi	Gangway bridge mounting (PPE)	M/S-RAKESH IRON KXH	
xii	Gangway bridge mounting (NPPE)	M/S-RAKESH IRON KXH	
xiii	Body Side Window	M/S-SHATABDI SAFETY VADODARA	
xiv	Emergency Window	M/S-SHATABDI SAFETY VADODARA	
xv	Lavatory/hopper Window	M/S-SHATABDI SAFETY VADODARA	
xvi	Roof Ceiling	M/S-MOBILITY SOLUTION MOHALI	
xvii	Door way /gang way ceiling	M/S-P.D STEEL PANCHKULA	
xviii	Supply Air Duct	M/S-P.D STEEL PANCHKULA	
xix	Partition panel	M/S-MILTON IND.AHMADABAD(HONEYCOMB)	
xx	Partition pillar	M/S-NEW NAGINA ENGG KXH	
xxi	Side Wall panel	M/S-ALEX OVERSEASE PVT LTD KXH	
xxii	AC Trough	M/S-MOBILITY SOLUTION MOHALI	
xxiii	Body Side Doors	M/S-SVARN INFRATEL	
xxiv	Compartment Door (PPE)	M/S-POOJA SALES HARYANA	
xxv	Compartment Door (NPPE)	M/S-POOJA SALES HARYANA	
xxvi	Vestibule Door(PPE)	M/S-JBM FARIDABAD	
xxvii	Vestibule Door(NPPE)	M/S-JBM FARIDABAD	
xxviii	RMPU	M/S-AMIT ENGG SALON	
xxix	Bio Tank	M/S-JSL LIFE STYLE	
xxx	Pressurized flushing (ele. Pneu.)	M/S-VEEPEE	
xxxi	Auxiliary Water Tank	M/S-SHIVALIK FAST MOHALI	
xxxii	Under Slung Water Tank ( 2X685L)	M/S-VISHAL GAS SERVICES	
xxxiii	Under Slung Water Tank (1x450 L)	M/S-AMIT ENG. MOHALI	
xxxiv	Health Faucet	M/S-VENKATESHWAR CHENNAI	
xxxv	Lotah Filler Tap	M/S-VENKATESHWAR CHENNAI	
xxxvi	Bib cock	M/S-PARRYWARE LTD	
xxxvii	Lavatory Modules	M/S-VENKATESHWAR CHENNAI	
xxxviii	Lavatory Doors	M/S-VENKATESHWAR CHENNAI	
xxxix	Fire Extinguisher	M/S-ATASEE	8524/8538
xxxx	Seat & Berth	M/S-ADVANCED SILICON PALWAL	
xxxxi	Snack Table	M/S-DLJM NOIDA	
xxxxii	Light Luggage Rack	M/S-SRI MAHAVEER ENTS.CHENNAI	
xxxxiii	Venturi grill	M/S-VENKATESHWAR CHENNAI	
xxxxiv	Auto janitor	M/S-VENKATESHWAR CHENNAI	
xxxxv	Automatic smoke & heat Detection with alarm System	M/S-J.K EXIM PVT LTD	

14.B TRACEABILITY OF FURNISHING ITEMS:(items for variant wise)

i	Vacuum toilet system	NA
ii	Odour control system	NA
iii	CCTV	NA

12/01/22

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रेलवे कारखाना, रायबरेली (लालगंज)



MODERN COACH FACTORY, RAEBARELI

आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002

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DATE: 28.05.2021

**ROLLING STOCK CERTIFICATE- (AC COACH)**

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2021-22/-796

RLY	C	R	-	Coach No.	2	1	3	2	4	5	/	C	-	DATE OF DISPATCH	1	1	1	0	2	0	2	1
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DISPATCH	Sr.DME/C&W/LLT/BB	Type	L	W	A	C	C	N	Shell No.	2	1	C	0	7	8	FUR .NO	L3T-1760
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**15. DETAIL OF BOGIES:-**

ITEMS	NPP Side				PP Side			
Bogie No	211740				211739			
Bogie Type	FIAT				FIAT			
Frame no.	V.S - 403				V.S - 512			
Bolster no.	APEX - 214				APEX - 358			
Axle No	21 F - 9452 RWF		21 F - 2935 RWF		21 B - 2004 RWF		21 F - 9015 RWF	
Wheel Dia	917.50	917.52	917.50	917.51	917.53	917.47	917.57	917.54
Wheel Disc No	TZ 12-20 51999-0VG8	TZ 12-20 57469-0VL6	TZ 12-20 52569-0VI8	TZ 12-20 52570-0VI8	TZ 12-20 58423-0VL8	TZ 12-20 57868-0VL3	TZ 12-20 52121-0VG5	TZ 12-20 52122-0VG5
R.B. Nos.	03-21 403146	03-21 403956	03-21 403162	03-21 401790	03-21 402472	03-21 300913	03-21 403333	03-21 402355
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.	RESISTO FLEX S. No.- 03-21 1035	RESISTO FLEX S. No.- 03-21 1000	RESISTO FLEX S. No.- 03-21 1063	RESISTO FLEX S. No.- 03-21 1096

**17. TRACEABILITY OF BOGIE ITEMS:-**

S. No.	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	ESCORT	8125,8028	7959,7967
2.	Primary outer Spring	CMGBD	06-21 F05-779-(321,445,402,232)	06-21 F05-779-(314,233,385,428)
3.	Primary Inner Spring	CMGBD	12-20 F04-956-(361,635,773,290)	12-20 F04-956-(307,783,365,666)
4.	Primary Damper	GABRIEL	06-21 (1391,1374,1392,1388)	06-21 (1371,1372,1368,1370)
5.	Secondary Damper	GABRIEL	06-21 (753,655)	07-21 (702,698)
6.	Lateral Damper	IAI	06-21 AB30050	06-21 AB20885
7.	Brake Cylinder	KBI	D(5966,4232,4428,6150)-K-29	D(6048,4453,4452,6054)-K-29
8.	Brake Caliper	KBI	2921290300,2921290447,2921290540,2921290502	2921290488,2921290542,2921290541,2921290487
9.	Brake Disc	AVADH (HXDA)	09-18 (06210327,06210331,05210177,05210192)	09-18 (07210480,07210487,05210201,05210223)
10.	Ball Joint Control Arm	BONY+BASANT		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	RNG		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	BONY		
15.	Ball joint traction centre	GMT		
16.	Leveling Valve	ESCORT	03-21-9471,03-21-8976	08-21-9442,02-21-8894
17.	Check Valve	ESCORT	03-21 -7124	03-21 -7196
18.	Anti roll bar Make	SF		
19.	Roll Link make	RF+GMT		
20.	Fork make	RNG		
21.	Control Arm Upper	SF	H80,H18,H25,H57	H67,H2,H51,H223
22.	Control Arm Lower	SF	H49,H10,H848,H122	H32,H131,H24,H37
23.	Phonic Wheel	KBI	K-06-21	K-06-21

 Signature of SSE/Bogie/QC	 SMT/AME/QC/MCF/RBL ASST MECHANICAL ENGINEER आउटरीडो का रायबरेली MCF RBL	 Dy. CQM/MCF/RBL
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उपरोक्त दस्तावेज़ को जारी करने वाले अधिकारी का पता  
 Dy. Chief Quality Manager  
 आधुनिक रेल डिब्बा कारखाना, रायबरेली  
 Modern Coach Factory, Raebareli





# Vibgyor Paints & Chemicals Pondicherry

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

ISO : 9001 : 2015  
ISO : 14001 : 2015  
Certified Company

## WARRANTY CERTIFICATE

To,

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

Date:- 08/10/2021

SUBJECT: -PERFORMANCE WARRANTY CERTIFICATE  
REF: PO NO: 06201016101293 DATED-10.09.2020

NAME OF WORK: SUPPLY AND APPLY OF PU BASED WET ON WET APPLICABLE EXTERIOR PAINTING SYSTEM FOR LHB COACHES AS PER SCOPE OF WORK AND MMDTS-18034 REV-02 WITH AMENDMENT NO MP/RBL/BB DT 28/05/2019 (EPOXY ELASTIFIED PAINT INSIDE THE COACH NOT TO BE CARRIED OUT PAINTING CYCLE TIME WILL BE 30 HRS AS MENTION IN MMDTS-18034 REV-02)

Dear Sir,

With reference to above, we do here by confirm the warranty for six 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
18	LWACCN 210678	L3T 1760	213245/C	CR	05/06/2021 08/10/2021

The warranty is applicable from date of despatch against the below mention defects as per RDSO Specification no. MMDTS 18034 REV-02

Gloss should be above 70 at 60 degree during the initial period and entire life of 6 years

Decolourization of paint film.  
Cracking of paint film  
Peeling of paint film  
Blistering of the paint film

Note- It is certified that Gloss value

Before Antigrffiti gloss value- 96.56  
2 After Antigrffiti gloss value- 76.66

1

*[Signature]*

Thanking You  
For Vibgyor paints & chemicals Pondicherry

Factory : S-51, Phase III, Sipcot Industrial Complex, Nellikuppam, Ranipet - 632 405.  
Ph : +91-4172-241478, Fax : +91-4172-242478, E-mail : [vpcpdyr@yahoo.in](mailto:vpcpdyr@yahoo.in), [ramuvibgyor@yahoo.in](mailto:ramuvibgyor@yahoo.in)

**We have Solutions for Ecofriendly Industrial Coatings**





Modern Coach Factory Raebareli  
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

ELECTRICAL TEST CERTIFICATE FOR LHB EOG 3T 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)	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

Senior Section Engineer  
Quality control / Electrical  
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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 : <b>AMIT ENGG.</b> Sr no of RMPU 1(NPP side ) : <b>6350E</b> Sr no of RMPU 2(PP side): <b>6321E</b> Sr no of Microprocessor. : <b>AE 2108126</b>	As per RDSO/PE/SPES/AC/0061/REV-1/2005	<b>01 Set</b>
02.	Switch board cabinet Make : <b>NEC</b> Sr no : <b>202109055</b>	As per spec no. RDSO/PE/SPEC/AC/0184-2015(REV.0) <b>MEDTS-0004,Rev.-1 for Smart SBC</b>	<b>01 no.</b>
03.	Pump equipment with PLC controller & pump box Make: <b>HIND</b> PA Sr.no: <b>21/05/1058</b> Sr no.1: <b>21/05/2155</b> Sr no.2 : <b>21/05/2156</b> Sr.no.CPA: <b>21/04/710-HIND</b>	As per spec EDTS 186,Rev-a, Am-2.  As per Spec. EDTS186, & drg no. CC71328 & LW70020 for P/CNTR.	<b>01 Set</b>
04.	Double inlet centrifugal blower 415V/03Ph/50Hz /120W/450 cu.mtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : <b>ARIHANT</b>	EDTS331, TYPE-1 CORR.-1&2	<b>02 no.</b>
05.	Provision of Passenger area LED Light(Cabin) Make: <b>FIEM</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	<b>09 no.</b>
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: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	<b>09 no.</b>
08.	Mounting of Cabin/Corridor Light with Night light .	As per drg no. LW 76091.	OK
09.	Provision & mounting of Doorway/ Gangway light. Make: <b>AKG</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N & Drg no. LW 76099 -	<b>07 no.</b>
10.	Provision & Mounting of PACIL Assly. Make: <b>ELECTROWAVES</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-I Drg no. LW 76098.	<b>02 no.</b>
11.	Provision & Mounting of WC light. Make: <b>RT VISION</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-H1 Drg no. LW 76097. -	<b>02 no.</b>
12.	Provision & Mounting of Lavatory Light. Make: <b>K-LITE</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-D & Drg no. LW 76092. -	<b>04 no.</b>
13.	Provision of Emergency Lighting system Make: <b>INTEG</b>	As per RDSO/PE/Spec/AC/0180-2016(Rev-0),Type-2 or Latest.	<b>04 no.</b>
14.	Provision of razor socket for WC for 110/240V Make: <b>SSK</b>	. EDML047,ITEM-4	<b>04 no.</b>

Senior Section Engineer  
Quality control / Electrical  
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ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
15.	PA system for LHB coaches Make: <b>AHUJA</b>	EDTS 173,Rev- B,Cor-1.	<b>01 Set</b>
16.	Provision of terminal strip complete	EDML 034,Rev-C,DRG NO.LW76054	<b>01 Set</b>
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 : <b>SALZER</b>	As per spec EDML-064,REV- B,Am-1 alt 'c' Item-4 ,Drg. No. LW74202	<b>09 no.</b>
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 : <b>SSK/SALZER</b>	As per spec EDML-064,REV- B,Am-1 alt 'c' Item 16,Drg. No. LW74202	<b>54 no.</b>
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 : <b>SALZER</b>	As per spec EDML-064,REV- B,Am-1 alt 'c' Item-5, Drg. No. LW74202	<b>09 no.</b>
21.	Provision & Mounting of reading light for upper berth Make : <b>RT VISION</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F2 & Drg no LW 76094	<b>27 no.</b>
22.	Provision & Mounting of reading light for transverse berth (RHS) Make: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F3 & Drg no. LW 76095	<b>18 no.</b>
23.	Provision & Mounting of reading light for berth transverse ( LHS) Make: <b>IMT</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F4 & Drg no. LW 76096	<b>18 no.</b>
24.	Provision & Mounting of reading light for berth Longitudinal. Make: <b>WAVES</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F1 & Drg no LW 76096	<b>09 no.</b>
25.	Provision of High Capacity Inter -Vehicular Coupler Unit (ZS Coupling) (500 A,750 V,3 ph,50 Hz). Make:- 1.(NPP): <b>PRIME ELECT.</b> 2.(PP): <b>PRIME ELECT.</b>	As per Spec. no. RDSO/PE/SPEC/AC/0177(R ev.-0)-2013 with annexure-A, B.	<b>01 set</b>
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 : <b>HBL</b> Lug date : <b>03/21</b>	EDTS 129,Rev nil	<b>01 set</b>

Senior Section Engineer  
Quality control / Electrical  
Modern Coach Factory Raebareli



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आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001


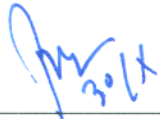
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DATE: 29.06.2020

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ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
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: <b>METAFIL</b>	As per drgno 1 10113 0 76 700 005, Alt C	<b>01 no.</b>
30.	Battery fuse box +ve Make : <b>INDORAIL</b>	LW 71001, Alt-H	<b>01 no.</b>
31.	Battery fuse box -ve Make : <b>NEC</b>	LW 71002, Alt-I	<b>01 no.</b>
32.	Provision of Regulated Battery Charger Make: <b>IC</b> Sr. no.: <b>8/20/0024</b>	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.	<b>01 no.</b>
33.	Emergency battery charger Make : <b>N/A</b> Sr.no.: <b>N/A</b>	EDTS163, REV-C, COR-2&3	<b>N/A</b>
34.	Provision of 5 KVA TFR Make : <b>BHASIN</b> Sr no : <b>01210462</b>	As Per EDTS-366, REV-NIL & CC-71510	<b>01 no.</b>
35.	Provision of capacitor Bank Make: <b>RICHMOND</b> SL.no.: <b>341662</b>	As per EDML-130 Rev-1, Corr-1	<b>01 no.</b>
36.	60KVA transformer Make : <b>WAVES</b> Sr no : <b>W60KB 21365</b>	As per spec no. RDSO/PE/SPEC/AC/0080-2007 (REV-1)	<b>01 no.</b>
37.	Feeder junction boxes. Make : <b>SYSTEMS</b>	EDTS-328 REV-C	<b>01 set</b>
38.	Wheel set earthing equipment. Make : <b>DARSHAN ENTERPRISES</b>	EDTS101, REV-C, AM-1	<b>01 set</b>
39.	Wheel Slide Protection System (WSP) Make : <b>KNORR</b> Sr. no : <b>0120305898</b>	As per MDTS 077, Rev.-2 M/s "FAIVELEY" or "Knorr Bremse", or "ESCORTS" or "JWL-DAKO-CZ"	<b>01 set</b>
40.	Provision of External supply Socket 125A/415V/IP67/5-Pole (3Ph+1N+1E) complete with pilot contacts. Make: <b>MV</b>	Cat no. 1948036/UIV4125-6 with RCF annexure-A - 02 nos	<b>02</b>
41.	<b>PANTRY EQUIPMENTS(ONLY FOR RAJDHANI COACH).</b> Hot Case, Bottle cooler cum deep freezer Make : <b>N/A</b>	As per spec no EDTS 139, Rev-E, Sec II.	<b>N/A</b>

	
<b>SSE/EL/QC</b> वरिष्ठ अनुभाग अभियन्ता गुणवत्ता नियंत्रण आ०रे०डि०का० / लालगंज / रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL	<b>AWM(ELECT.)/MCF/RBL</b> SEE(P)/MCF/RBL स० कार्य प्रबन्धक / विद्युत आ०रे०डि०का० / रायबरेली A.W.M./Electrical/MCF/RBL