

		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/2022-2023/673/8974									
RLY	NER	COACH NO	224647/C		DATE OF DISPATCH		19-Nov-22		
Type	LWACCN	Shell No.	3T-22268	DISPATCH TO	SR.DME/C&W/GKP	FUR.NO.	L3T-2534		
1 Railway Board's Order No. 2022/M@/142/2,DT. 28.03.2022									
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 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						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		1100/1098	
6 TRACEABILITY OF SHELL ITEMS:									
S.N	ITEM			MAKE/SUPPLIER		SERIAL NO			
i	Under frame	Front	PP END	M/S-JBM INDUST.		25			
		Part	NPP END	M/S-TACPL		53A/80			
		Complete		M/S-V4U TECHIE		3T-22268			
ii	Lav. side wall			M/S-L. TECH.		LAV.1	-----	LAV.2	-----
				M/S-L. TECH.		LAV.3	-----	LAV.4	-----
iii	Side wall	LH SIDE		M/S-JSL		151/01			
		RH SIDE		M/S-JSL		151/02			
iv	End wall	PP END		M/S- JVR		-----			
		NPP END		M/S- JVR		-----			
v	Roof			M/S-JSL		64			
vi	Centre Buffer Coupler			M/S-FRONTIER		NPP/PP		9P2/285	
vii	Buffer			NA		NPP/PP		N/A	
7 AIR BRAKE TEST REPORT:									
S.N	ITEM		DESCRIPTION			SPEC. VALUE		OBSERVED	
i		Full brake application	Reduce pressure of BP from 5.0 to 3.4 kg/cm ² .			6 – 10 sec.		8.5 SEC	
			Max. pressure in BC			3.0 ±0.15 kg/cm ² .		3.0 kg/cm ²	
			All Brake are applied			OK		OK	
ii	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min.			No brake application		OK	
iii	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /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 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		OK		
ii	Heat detection		A-controller should display smoke/heat in zone 1,2		B- strobe light & hooter should activate		OK		
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 PAINT	SUPPLY &APPLY		88/87		18.09.2022	
ii	Insulation-		Satisfactory	ANTIGRAFFITE COATING- NIL		WET ON WET-		NIL	
10 COACH FURNISH DETAILS :									
S.N	ACTIVITIES		FIRM		TURNKEY/WORK CONTRACT/SUPPLY&APPLY				
i	Coach Furnishing		M/S-HINDUSTAN FIBER GLASS VADODARA.		WORK CONTRACT				
ii	Air Brake		M/S-FLUID TEQ./FLUID CONTROL		SUPPLY &APPLY				
iii	Bio toilet & flushing		M/S-VEDANSH ENTERPRISES.		WORK CONTRACT				
iv	Fire detection		M/S-SANROK ENTERPRISES.		WORK CONTRACT				
“This is a computer generated document and issued by the office of DY.CQM fur. Sign. is not required”									

		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/2022-2023/673/8974					
RLY	NER	COACH NO	224647/C	DATE OF DISPATCH	19-Nov-22
Type	LWACCN	Shell No.	3T-22268	DISPATCH TO	SR.DME/C&W/GKP
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(PP/NPP)	
i	Air Brake Module		M/S KBI	2730-04-2022	
ii	Distribution valve		M/S KBI	16730-04-2022	
iii	Pull box		M/S KBI		
iv	FIBA		M/S- TOPGRIP	2945-07-2022, 2952-07-2022	
v	Foot Step		M/S-SHANKAR METAL WORK KANPUR.		
vi	Decoupling arrangement		M/S-ELASTOMAR LINING WORKS MUMBAI		
vii	Floor board		M/S-TWPL MUMBAI.		
viii	PVC		M/S-RESPONSIVE INDUST.MUMBAI		
ix	UIC Vestibule (PPE)		M/S-KIRAN RUBBER PRODUCT PUNE.		
x	UIC Vestibule (NPPE)		M/S-KIRAN RUBBER PRODUCT PUNE.		
xi	Gangway bridge mounting (PPE)		M/S - COSMOS INDUST. MUMBAI.		
xii	Gangway bridge mounting (NPPE)		M/S - COSMOS INDUST. MUMBAI.		
xiii	Body Side Window		M/S SHATABDI SAFETY GLASS VADODARA		
xiv	Emergency Window		M/S SHATABDI SAFETY GLASS VADODARA		
xv	Lavatory/hopper Window		M/S-BIRCON ENGG. INDUST.GZB.		
xvi	Roof Ceiling		M/S-CENTUARY POLYMER VADODARA.		
xvii	Door way /gang way ceiling		M/s-GANDHI SAFE &ALLIED		
xviii	Supply Air Duct		M/S-KCEC KXH.		
xix	Partition panel		M/S-UNIVERSAL METAL TECH NOIDA.		
xx	Partition pillar		M/S-HINDUSTAN FIBER GLASS VADODARA.		
xxi	Side Wall panel		M/S-HINDUSTAN FIBER GLASS VADODARA.		
xxii	AC Trough		M/S-MSL (NPP) & BHARAT (PP)		
xxiii	Body Side Doors		M/S- SAKET METAL INDUST.		
xxiv	Compartment Door (PPE)		M/S- BANSILAL NARENDRA KUMAR, JAGADHARI..		
xxv	Compartment Door (NPPE)		M/S- BANSILAL NARENDRA KUMAR, JAGADHARI..		
xxvi	Vestibule Door(PPE)		M/S-KALSI AUTOMATIC DOOR SYSTEM LDH.		
xxvii	Vestibule Door(NPPE)		M/S-KALSI AUTOMATIC DOOR SYSTEM LDH.		
xxviii	RMPU		M/S-AMIT ENGG. SALON HP..		
xxix	Bio Tank		M/S-JSL LIFESTYLE-2NO;UNIFAB-2NO.		
xxx	Pressurized flushing (ele. Pneu.)		M/S-CEMCON		
xxxi	Auxiliary Water Tank		M/S-MANOJ ENTERPRISES.		
xxxii	Under Slung Water Tank (2X685L)		M/S-DTL ANCILLARIES LTD, PUNE.		
xxxiii	Under Slung Water Tank (1x450 L)		M/S-AMIT ENG, MOHALI.		
xxxiv	Health Faucet		M/S-JSL LIFE STYLE LTD.		
xxxv	Lotah Filler Tap		M/S-JSL LIFE STYLE LTD.		
xxxvi	Bib cock		M/S-AGMECO PVT. LTD.		
xxxvii	Lavatory Modules		M/S-JSL LIFE STYLE LTD.		
xxxviii	Lavatory Doors		M/S-JSL LIFE STYLE LTD.		
xxxix	Fire Extinguisher		M/S-JSL LIFE STYLE LTD.	015163/015169	
xxxx	Seat & Berth		M/S - ANANYA RCC INDUST. LLJ.		
xxxxi	Snack Table		M/S-INTERNATIONAL TRACTOR LTD. PUNJAB.		
xxxxii	Light Luggage Rack		M/S PLATONIC INDIA KANPUR		
xxxxiii	Venturi grill		M/S-JSL LIFE STYLE LTD.		
xxxxiv	Auto janitor		M/S-JSL LIFE STYLE LTD.		
xxxxv	Automatic smoke & heat Detection with alarm System		M/S-SANROK ENTERPRISES.		
14.B TRACEABILITY OF FURNISHING ITEMS:(items for variant wise)					
i	Vacuum toilet system		NA		
ii	Odour control system		NA		
iii	CCTV		NA		
"This is a computer generated document and issued by the office of DY.CQM fur. Sign. is not required"					

	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/-673/8974

RLY	N	E	R	Coach No.	2	2	4	6	4	7	/	C	-	DATE OF DISPATCH	1	9	1	1	2	0	2	2
-----	---	---	---	-----------	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

DISPATCH	Sr.DME/C&W/GKP	Type	L	W	A	C	C	N	Shell No.	2	2	2	6	8	-	FUR .NO	L3T - 2534
----------	----------------	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---	---------	------------

15. DETAIL OF BOGIES:-

ITEMS	NPP Side				PP Side			
Bogie No	221344				221343			
Bogie Type	FIAT				FIAT			
Frame no.	KANSAL ENGG 845				KANSAL ENGG 843			
Bolster no.	SHIVALIK 1267				SHIVALIK 1259			
Axle No	00928 MSF		02994 MSF		01376 MSF		02000 MSF	
Wheel DIA	917.34	917.14	917.51	917.25	917.41	917.17	917.37	917.21
Wheel Disc No	TZ 07-22 04369 – 2R68	TZ 07-22 04374 – 2R68	TZ 07-22 51139 – 2QH3	TZ 07-22 40277 – 2R35	TZ 07-22 04372 – 2R68	TZ 07-22 53295 – 2R58	TZ 07-22 04371 – 2R68	TZ 07-22 01651 – 2RE2
R.B. Nos.	04-22 01403	04-22 00465	04-22 01773	04-22 00400	04-22 01814	04-22 00054	04-22 01880	04-22 00788
CT R B Make	NBC		NBC		NBC		NBC	

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.- 08-22 3370	TAYAL & CO. SR.NO.- 08-22 3401	TAYAL & CO. SR.NO.- 08-22 3402	TAYAL & CO. SR.NO.- 08-22 3392

17. TRACEABILITY OF BOGIE ITEMS:-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	AB-(69361,61012)	AB-(61039,69045)
2.	Primary outer Spring	CMFSK	10-21-F05-125-(165,274,279,260)	10-21-F05-125-(259,251,133,255)
3.	Primary Inner Spring	CMFSK	01-22-F04-149-(1,1926,1949,1907)	01-22-F04-149-(1976,1957,2056,5)
4.	Primary Damper	GABRIAL/IAI	05-22(1532,1536,1539,1538)	07-21-AB(36938,37357,37310,36784)
5.	Secondary Damper	ESCORT	05-22(3230,2949)	05-22(3171,3217)
6.	Lateral Damper	IAI	09-21 AB 51807	09-21 AB 51967
7.	Brake Cylinder	KBI	B(1681,0808,0801,1678)-K-29	B(3326,2279,2275,3334)-K-29
8.	Brake Caliper	KBI	2922088937,2922078851,292207884,2922088935	2922159965,2922159811,2922159810,2922159971
9.	Brake Disc	FAV	03-21-(3273,3276,3356,3358) D133561-300	03-21(3320,3319,3218,3274)D133561-300
10.	Ball Joint Control Arm	AR		
11.	Lateral Bump Stop	BONY/GMT		
12.	Traction Centre make	SF		
13.	Traction lever make	JI		
14.	Ball joint traction lever	AR		
15.	Ball joint traction centre	PPI/GMT		
16.	Leveling Valve	KNORR	04-22 E(6005,6815)	04-22 E(5763,7101)
17.	Check Valve	KNORR	04-22 35932	11-21 32711
18.	Anti roll bar Make	SF		
19.	Roll Link make	RF+PPI		
20.	Fork make	SF		
21.	Control Arm Upper	RV	110322-2,110322-2,090322-2,110322-2	110322-2,090322-2,110322-2,010322-2
22.	Control Arm Lower	RV	070322-3,070322-2,070322-3,020322-3	020322-3,060322-2,020322-3,060322-3
23.	Phonic Wheel	KBI	K-06/22	K-06/22

"This is computer generated document and issued by office of the Dy.CQM/MCF/RBL, sign is not required."



Vibgyor Paints & Chemicals Pondicherry

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



WARRANTY CERTIFICATE

To,

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

Date:- 12/10/2022

SUBJECT: -PERFORMANCE WARRANTY CERTIFICATE

REF: PO NO: 06211012101765 dated 19.10.2021

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

Dear Sir,

With reference to above, we do here by 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	GLOSS
34.	3T 22268	L3T 2534			18/09/2022	89.45

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



Thanking You

For Vibgyor paints & chemicals Pondicherry
Authorized Signatory



	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QEF/8001
		REV NO: 01
		DATE: 29.06.2020

PAGE 1 OF 4

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		224647/C
RAILWAY		NER	ELECT. FIT DATE	15-11-2022	MCF FUR. NO.	3T-2534
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			28.93 Cub mtr/min		OK
3.2	Return Air			62.39 Cub mtr/min		OK
3.3	Exhaust Air			7.15 Cub mtr/min		OK
3.4	Conditioned Air			177.90 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 :22.6°C NPP Side :21.3°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

This is computer generated document and issued by the office of the Dy.CEE/Production, Sign is not required.

	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QEF/8001
		REV NO: 01
		DATE: 29.06.2020

PAGE 2 OF 4

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 : AMIT ENGG. Sr no of RMPU 1(NPP side) : 7873A22 Sr no of RMPU 2(PP side): 7868A22 Sr no of Microprocessor. : AE 2207123	As per RDSO/PE/SPES/AC/0061/REV-1/2005	01 Set
02.	Switch board cabinet Make : TRINITRON Sr no : 22/09/0184R1-0108	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: KIND PA Sr.no: KIND/ASSLY/P22070097 Sr no.1: 22070309 Sr no.2 : 22070310 Sr.no.CPA: C 22070064-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: 2021125470 Sr no 2: 2021125543	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: INTEG	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: KAVERI	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: DEVINTEC SUPPLY AND APPLY JSL	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.

This is computer generated document and issued by the office of the Dy.CEE/Production, Sign is not required.

	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QEF/8001
		REV NO: 01
		DATE: 29.06.2020

PAGE 3 OF 4

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 : RT VISION	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: : DHINGRA	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: INTRA	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): S.INTERNATIONALS 2.(PP): S.INTERNATIONALS	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 : AMARA RAJA Sr no : 141139 TO 141147 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 ELECTRICAL	LW 71001,Alt-H	01 no.
31.	Battery fuse box –ve Make : ARSH	LW 71002,Alt-I	01 no.
32.	Provision of Regulated Battery Charger Make: ELECTRONIC EQUIPMENT Sr. no.: 08220027	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

This is computer generated document and issued by the office of the Dy.CEE/Production, Sign is not required.

	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QEF/8001
		REV NO: 01
		DATE: 29.06.2020

PAGE 4 OF 4

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 : 04229063	As Per EDTS-366,REV-NIL & CC-71510	01 no.
35.	Provision of capacitor Bank Make: RICHMOND ENTERPRISES SL.no.: 2206115414	As per EDML-130 Rev-1,Corr-1	01 no.
36.	60KVA transformer Make : VIMAL Sr no : VTC(V)-3089 LHB-2170	As per spec no. RDSO/PE/SPEC/AC/0080-2007 (REV-1)	01 no.
37.	Feeder junction boxes. Make : SIDWAL	EDTS-328 REV-C	01 set
38.	Wheel set earthing equipment. Make : S.INTERNATIONALS	EDTS101,REV-C,AM-1	01 set
39.	Wheel Slide Protection System (WSP) Make : KNORR Sr. no : 3522202537	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: JAI BALAJI	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

This is computer generated document and issued by the office of the Dy.CEE/Production, Sign is not required.