	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारख़ाना, 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/2019-20/1516

RLY	CR	COACH NO	201317/C			DATE OF DISPATCH	29-Jan-20
Type	LWFAC	Shell No.	91019	DISPATCH TO	Sr.DME/LTT	FUR.NO.	FAC-11

1. Railway Board's Order No. : 2019/M(C)/142/2,DATED-13-06-2019
2. Tare Weight of Coach : Tonnes
3. Carrying Capacity : (a) Seating: 24 (b) Sleeping: 24 (c) Luggage: NIL
4. Special feature:

A	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	4039	
4	CBC height/Buffer height from Rail level 1105 +0/-10	NPP /PP	1105/1100

6. TRACEABILITY OF SHELL ITEMS:

S NO		ITEM		MAKE/SUPPLIER	SERIAL NO			
1	Under frame	Front Part	PP END	M/S-M.TECH	603			
			NPP END	M/S-M.TECH	588			
		Complete		MCFRBL-CONT.V4U	91019			
2	Lav. side wall			M/S-RAIL TECH KXH	LAV.1		LAV.2	
				M/S-RAIL TECH KXH	LAV.3		LAV.4	
3	Side wall	LH SIDE		MCF/RBL	11			
		RH SIDE		MCF/RBL	11			
4	End wall	PP END		M/S-OMAX REWARI				
		NPP END		M/S-OMAX REWARI				
5	Roof			MCFRBL -CONT	11			
6	Centre Buffer Coupler			M/s- FRONTIER	PP END	178P1	NPP END	202P2

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/cm².	6 – 10 sec.	07sec
		Max. pressure in BC	3.0 ±0.15 kg/cm².	3.0 kg/cm²
		All Brake are applied	OK	OK
2	Insensitivity	Exhaust BP @ 0.3 kg/cm²/min.	No brake application	OK
3	Sensitivity	Exhaust BP @ 0.1 kg/cm²/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	AXALTA	M/S-EMPRISE WOW	99/94	26-11-19
2	Insulation	Satisfactory				

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MCF/ RBL

	MODERN COACH FACTORY, RAEBARELI आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QMF 8002 REV NO.: 01 DATE: 16.05.2016

ROLLING STOCK CERTIFICATE

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2019-20/**1516**

RLY	C	R		Coach No.	2	0	1	3	1	7	/	C	-	DATE OF DISPATCH	2	9	0	1	2	0	2	0

DISPATCH	Sr.DME/LTT	Type	L	W	F	A	C		Shell No.	9	1	0	1	9	FUR .NO	FAC-11

9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	192951				192952			
Bogie Type	FIAT				FIAT			
Frame no.	RBL-1812				RBL-1771			
Bolster no.	RBL-2955				RBL-3466			
Axle No	19 R– 3437 RWF		19 P - 1360 RWF		19 P– 6989 RWF		19 P- 6961 RWF	
Wheel Dia	917.302	917.249	917.362	917.224	917.429	917.437	917.394	917.393
Wheel Disc No	TZ 06-19 55134-9PG8	TZ 06-19 52164-9QH2	TZ 06-19 52380-9PR0	TZ 06-19 58726-9QI8	TZ 07-19 66103-9RK8	TZ 07-19 66106-9RK8	TZ 07-19 57745-9QS0	TZ 07-19 33363-9PQ9
R.B. Nos.	11-19 40864	10-19 40929	11-19 43110	10-19 39600	09-19 30558	09-19 31315	09-19 31288	09-19 30638
CT R B 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	
	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
Make & Nos.	CMFSK12-19-F18-150-44	CMAFJ01-19-9513-210	CMFSK12-19-F18-150-1217	CMAFJ01-19-9513-204	CMFSK12-19-F18-150-4	CMFSK01-19-9513-179	CMFSK12-19-F18-150-9	CMFAJ01-19-9513-175
Compressed Ht. at Tested Load	510.5	468	508.5	468	512	461	512	468
10Alignment deviation (mm)	10	8	10	8	10	6	10	6

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	283079,282970	283039,283076
2.	Primary outer Spring	CMFSK	05-19 7411(2066,2063,2034,2189)	05-19 7411(2054,2064,2062,2186)
3.	Primary Inner Spring	CMFSK	09-19-02A (2076,7338,8045,7911)	09-19-02A (8051,7801,8048,8050)
4.	Primary Damper	IAI	11-19 (281386,282060,282908,281254)	11-19 (282588,280941,281104,281524)
5.	Secondary Damper	IAI	10-19 (238259,238000)	01-19 (237937,238163)
6.	Lateral Damper	IAI	05-19 250961	05-19 250965
7.	Brake Cylinder	FAV	K19(496,449,122,498)	K19(651,561,284,888)
8.	Brake Caliper	FAV	L19(753,751,750,752)	L19(502,292,473,428)
9.	Brake Disc	FAV	12-19(8275,7184,7319,7320)D133561-300	11-19(8273,6856,1968,6858)D133561-300
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	ARYAN		
12.	Traction Centre make	SARITA		
13.	Traction lever make	SARITA		
14.	Ball joint traction lever	GMT/ARYAN		
15.	Ball joint traction centre	ARYAN		
16.	Secondary Rubber Pad	DUREIL		
17.	Rubber Spring	ARYAN		
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	EMSON / GMT		
20.	Fork make	EMSON		
21.	Control Arm Upper	SF	997,980,436,840	651,561,284,888
22.	Control Arm Lower	SF	490,385,517,474	502,292,473,428
23.	Phonic Wheel	ESCORT	ESCORT	ESCORT

Signature of SSE/Bogie/QC

	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारख़ाना, 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/2019-20/1516

RLY	CR	COACH NO	201317/C			DATE OF DISPATCH	29-Jan-2020
Type	LWFAC	Shell No.	91019	DISPATCH TO	Sr.DME/LTT	FUR.NO.	FAC-11

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S- KBI, FARIDABAD	4121 42/19
2	Distribution valve	M/S- KBI, FARIDABAD	2019 K 9344
3	Pull box	M/S- KBI, FARIDABAD	
4	FIBA	N/A	
5	Foot Step	M/S- SSPL FARIDABAD	
6	Decoupling arrangement	M/S- KOHINOOR LTD, MUMBAI	
7	Floor board	M/s- TWPL MUMBAI	
8	PVC	M/S- SHATABADI GLASS WORKS VADODARA	
9	UIC Vestibule (PPE)	M/S-SUNCREAST KOLKATA	
10	UIC Vestibule (NPPE)	M/S-SUNCREAST KOLKATA	
11	Gangway bridge mounting (PPE)	M/S- RAKESH IRON STEEL KXH	
12	Gangway bridge mounting (NPPE)	M/S- RAKESH IRON STEEL KXH	
13	Body Side Window	M/S- SHATABADI GLASS WORKS VADODARA	
14	Emergency Window	M/S- SHATABADI GLASS WORKS VADODARA	
15	Lavatory/hopper Window	M/S- SHATABADI GLASS WORKS VADODARA	
16	Roof Ceiling	M/S- SHATABADI GLASS WORKS VADODARA	
17	Door way /gang way ceiling	M/S- SHATABADI GLASS WORKS VADODARA	
18	Supply Air Duct	M/S- HANSPAL KXH	
19	Partition panel	M/S- SHATABADI GLASS WORKS VADODARA	
20	Partition pillar	M/S- SHATABADI GLASS WORKS VADODARA	
21	Side Wall panel	M/S- SHATABADI GLASS WORKS VADODARA	
22	AC Trough	M/S- BHARAT FIBRE LKO	
23	Body Side Doors	M/S- JBM FARIDABAD	
24	Compartment Door (PPE)	M/S- SHATABADI GLASS WORKS VADODARA	
25	Compartment Door (NPPE)	M/S- SHATABADI GLASS WORKS VADODARA	
26	Vestibule Door(PPE)	M/S- KALSI LDH	
27	Vestibule Door(NPPE)	M/S- KALSI LDH	
28	RMPU	M/S-AMIT ENGG.	
29	Bio Tank	M/S-UNIFAB-01 NO+CEMCON CASTING -02NOS	
30	Pressurized flushing with ele pneu.syste	M/S-IMI	
31	Auxiliary Water Tank	M/S-SHIVALIK FAST MOHALI	
32	Under Slung Water Tank (2X685L)	M/S-AMIT ENGG.MOHALI	
33	Health Faucet	M/S- HINDUSTAN GLASS WORKS VADODARA	
34	Lotah Filler Tap	M/S- HINDUSTAN GLASS WORKS VADODARA	
35	Bib cock	M/s- JAQUAR PVT.LTD.ALWAR	
36	Lavatory Modules	M/S- SHATABADI GLASS WORKS VADODARA	
37	Lavatory Doors	M/S- SHATABADI GLASS WORKS VADODARA	
38	Fire Extinguisher	M/s-SAFTEY PLUS	5920/5872
39	Automatic smoke & heat Detection with alarm System	M/S-SANROK ENTERPRISES FARIDABAD	
40	Auto janitor	M/S- SHATABADI GLASS WORKS VADODARA	
41	Shower room	M/S- SHATABADI GLASS WORKS VADODARA	
42	Odour control system	M/S- SHATABADI GLASS WORKS VADODARA	
43	Seat & Berth	M/S- SHATABADI GLASS WORKS VADODARA	
44	Luggage Rack	M/S- SHATABADI GLASS WORKS VADODARA	
45	Snack Table	M/S- SHATABADI GLASS WORKS VADODARA	
46	RFID	N/A	

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	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारख़ाना, 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/2019-20/1516

RLY	CR	COACH NO	201317/C			DATE OF DISPATCH	29-Jan-2020
Type	LWFAC	Shell No.	91019	DISPATCH TO	Sr.DME/LTT	FUR.NO.	FAC-11

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 Frequency	REFERENCE & 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 caseextend 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 qualityrcfrbl@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 60º)	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	SME/AME/QC/MCF/RBL	Dy.CQM/MCF/RBL

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फो0, रा0बरेली (लालगंज)

वरिष्ठ यांत्रिक अभियन्ता/गुणवत्ता
Senior Mechanical Engineer/Quality
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory Raebareli

जोगिन्दर सिंह
Joginder Singh
उप मुख्य गुणवत्ता प्रबन्धक
Dy. Chief Quality Manager
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Modern Coach Factory

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

ELECTRICAL TEST CERTIFICATE FOR LHB FIRST AC COACH

TYPE COACH	**LWZFAC**		**SHELL/COACH NO**		**201317/C**
RAILWAY	**CR**	**ELECT.FIT DATE**	**14-01-2020**	**FUR.NO**	**FAC-11**

Sr no	Description of tests		Remarks
1.0	AIR DELIVERY MEASUREMENT	OBSERVED VALUE	OK
1.1	Fresh Air	**19.80** Cub mtr/min	OK
1.2	Return Air	**60.94** Cub mtr/min	OK
1.3	Exhaust Air	**7.15** Cub mtr/min	OK
1.4	Conditioned Air	**133.99** Cub mtr/min	OK
2.0	**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**		----
3.0	**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.		----

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ELECTRICAL TEST CERTIFICATE FOR LHB FIRST AC COACH		
Sr no	**Description of test**	**Remarks**
4.0	HUMIDITY CONTROL	OK
5.0	PUMP EQUIPMENTS	OK
6.0	WORKING OF EXHAUST FANS OVER LAVATORIES	OK
7.0	WORKING OF COMPOSITE PANTRY	OK
8.0	WORKING OF BERTH READING LIGHTS	OK
9.0	WORKING OF COMPARTMENT LIGHT	OK
10.0	WORKING OF BRACKET FAN	
11.0	WORKING OF PUBLIC ADDRESSING SYSTEM (**PAS**)	OK
12.0	WORKING OF ANNUNCIATOR SYSTEM	
13.0	WORKING OF WHEEL SLIDE PROTECTION SYSTEM (**WSP**)	OK
14.0	WORKING OF 60KVA TRANSFORMER	OK
15.0	WORKING OF 5 KVA TRANSFORMER	
16.0	WORKING OF REGULATED BATTERY CHARGER	OK
17.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
18.0	SAFETIES :	
18.1	OHP :	OK
18.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
18.3	LP/HP GAUGE	OK
19.0	HYGROSTAT	OK
20.0	CONTROL CIRCUIT	OK
21.0	POWER CIRCUIT	OK
22.0	REFRIGERANT USED **R 407C**	OK

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ROLLING STOCK CERTIFICATE OF LHB FIRST AC 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) : **4334 K** Sr no of RMPU 2(PP side): **4325 K** Sr no of Microprocessor. : **AE 19.12.183**	As per rdso/pe/spes/ac/0061/rev-1/2005	**01 Set**
02.	Switch board cabinet Make : **ISG** Sr no : **SBC-MCF-19-11-0065**	As per spec no. RDSO/PE/SPEC/AC/0184-2015(REV.0)	**01 no.**
03.	Pump equipment with PLC controller & pump box Make: **KIND** PA Sr.no: **KIND/ASY/0091** Sr no.1: **19060381** Sr no.2 : **19060382** Sr.no.CPA: **NIL-KIND**	As per spec EDTS 186,Rev-a, Am- 2	**01 Set**
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cummtr/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 Light(Cabin/Corridor) Make: **RT VISION**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	**12 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: **RT VISION**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M -	**12no.**
08.	Mounting of Cabin/Corridor Light with Night light	As per drg no. LW 76091.	--
09.	Provision & mounting of Doorway/ Gangway light. Make: **RT VISION**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N & Drg no. LW 76099 -	**08 no.**
10.	Provision & Mounting of PACIL Assly. Make: **RT VISION**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-I Drg no. LW 76098.	**02 no.**

Senior Section Engineer
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ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

Sr no	Description	Drg/Spec no.	Quantity per Coach
11.	Provision & Mounting of WC light. Make: **DR AUTO**	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: **ENSAVE**	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 ELECT.**	As per RDSO/PE/Spec/AC/0180-2016(Rev-0),Type-2 or Latest.	**04 no.**
14.	PA system for LHB coaches Make: **AHUJA**	EDTS 173,Rev- a Am-1,2&3	**01 Set**
15.	Provision of terminal strip complete Make: NIL	As per EDML-033 Rev – C,Drg no. LW76054	**01 Set**
16.	Diffuser complete w/o item 1& 2.	LW 76012,Alt-a	--
17.	Plug & socket distribution board 20A,240 V AC Make: **SSK**	As per Drg. No. LA 72200,Alt-A or Latest.	**01 no.**
18.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 2 no. ON_ OFF switches. Make: **SSK**	As per spec EDML-064,REV-B,Am-1 Item 11.Drg. no. LW74202 alt'c'	**04 no.**
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: **SSK**	As per spec EDML-064,REV-B,Am-1 alt 'c' Item 16,Drg. No. LW74202	**12 no.**
20.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 1 no. push bell & 2 no. ON_ OFF switches 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-9,Drg. No. LW74202	**04 no.**

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ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

Sr no	Description	Drg/Spec no.	Quantity per Coach
21.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plat & 2 no. ON_ OFF switches 6A,250 V AC at corridor area. Make: **SSK**	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-1,Drg. No. LW74202	**04 no.**
22.	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 fuse at cabin/Attendant area. Make: **SSK**	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-5,Drg. No. LW74202	**05 no.**
23.	Bracket Fan 225 MM Sweep wall bracket type,110 V AC and crash worthy features as per RCF AM-1(Type-IV) Make: **PARAS**	IS:6680-92 with RDSO Annexure-H(Dec-2005) or latest	**01 no.**
24.	Provision & Mounting of reading light for upper berth. Make : **RT VISION**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F1 & Drg no LW 76094 -	**12 no.**
25.	Provision & Mounting of reading light for transverse berth (RHS) Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F3 & Drg no LW 76095 -	**05 no.**
26.	Provision & Mounting of reading light for berth transverse (LHS) Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F4 & Drg no LW 76096 -	**07 no.**
27.	Provision of Cable Jacket ,Size 06Nominal width 25mm ,Length -1000mm	As per spec no. EDTS 0138, Item 09	---
28.	Annunciator System complete Make: **V.S INSTRUMENT**	As per EDTS 117,Rev-A	**01 set**
29.	Provision of Inter Vehicle coupler Make: **S.INTERNATIONALS**	As per RDSO PE SPEC-0177-2013 REV-0	**01 set**
30.	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 : **07/19**	EDTS 129,Rev nil	**01 set**

Senior Section Engineer
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ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

Sr no	Description	Drg/Spec no.	Quantity per Coach
31.	Battery box for LHB coaches. Make: **HITECH**	As per drgno 1 10113 0 76 700 005,Alt C	**01 no.**
32.	Battery fuse box +ve Make : **ISGPL**	LW 71001,Alt-F	**01 no.**
33.	Battery fuse box –ve Make : **ISGPL**	LW 71002,Alt-F	**01 no.**
34.	Regulated battery charger Make : **SIGNOTRON** Sr no : **11190585**	RDSO/PE/SPEC/AC/0183 (REV -0)	**01 no.**
35.	Emergency battery charger Make : **NIL** Sr no: **NIL**	EDTS 163,Rev `c' corg.-2&3	**00 no.**
36.	Provision of 5 KVA TFR Make: **VIMAL** SL.no. **VTC 3089 LHB-NIL**	As Per EDTS-366,REV-NIL & CC-71510	**01 no.**
37.	Provision of capacitor Bank Make: **NIC** SL.no. **2019100603**	As per EDML-130 Rev-1,Corr-1	**01 no.**
38.	60KVA transformer Make :**VIMAL** Sr no : **VTC-R-3089-LHB-2681**	As per rdso/pe/spec/ac/0080/rev -0 (2007)/Am-1&2/Corr. 1,2&3	**01 no.**
39.	Feeder junction boxes. Make : **NEC**	EDTS-328 REV-C	**01 set**
40.	Wheel set earthling equipment. Make : **PRIME ELECT.**	EDTS101,REV-C,AM-1	**01 set**
41.	Wheel Slide Protection System (WSP) Make: **KNORR** Sr no : **0119232132**	M/s : **KNORR**	**01 set**
42.	PANTRY EQUIPMENTS : Hot Case, Bottle cooler cum deep freezer Make : **N/F**	As per spec no EDTS 139, Rev- E ,Sec II.	**00 set**

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