



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/2019-20/674

RLY	N	W	R	-	Coach No.	1	9	6	2	4	0	/	C	DATE OF DISPATCH	3	1	-	0	8	-	1	9
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DISPATCH TO	Sr.DME/C&W/Jp	Type	L	W	A	C	C	W	Shell No.	9	3	0	9	3	FUR.NO.	L2T(T)-53
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1. Railway Board's Order No. : 2019/M(C)/142/2, Dated- 03.06.2019
2. Tare Weight of Coach : 44.5 Tonnes
3. Carrying Capacity : (a) Seating: 52 (b) Sleeping: 52 (c) Luggage: NIL
4. **Special feature**

- A- Due to fitment of L3T roof in L2T shell, more space available in transverse side.
 B- Extend linen room to accommodate the space NPP end (width 270 mm)
 C- Height (from floor level to ceiling) raised from 2250mm to 2510mm.
 C1- Gap extend between transverse side upper berth and ceiling from 830mm to 894mm.
 C2- Gap extend between transverse side lower berth and upper berth from 920mm to 1065mm.
 C3- Gap extend between transverse side floor level to lower berth from 420mm to 465mm.
 D- Provision of sliding cum sleeping berth. (MAKE- M/S- ANANYA RAIL COACH COMPONENTS IND.LLJ)
 E- Choke of 5/6 mm in DV side replace with 9 mm in both type (KBI & Faiveley) letter no.

MC/LHB/Brake, Dated 27.09.2018

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	1) 1105 (NPPE) 2) 1105 (PPE)

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Under frame	PP END M/S- RAIL TECH	27
		NPP END M/S- RAIL TECH	27
		Complete M/S- RAIL TECH	27
2.	Lav. side wall	M/S- COMPETENT ENG. JALNDHAR	LAV.1 - LAV.2 -
		M/S- COMPETENT ENG. JALNDHAR	LAV.3 - LAV.4 -
3.	Side wall	LH SIDE MCF/RBL(CONTRACTOR V4U)	405/01
		RH SIDE MCF/RBL(CONTRACTOR V4U)	405/02
4.	End wall	PP END M/S- RAIL TECH PVT.LTD. KXH	---
		NPP END M/S- RAIL TECH PVT.LTD. KXH	---
5.	Roof	M/S-JSL GURGAON	64
6.	Centre Buffer Coupler	M/s- FRONTIER LTD.	PP END 18053B NPP END 18020B

7. AIRBRAKE 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 . ➤ Max. pressure in BC ➤ All Brake are applied	6 - 10 sec. 3.0 ±0.15 kg/cm ² . OK	08 sec. 3.0 kg/cm ² 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	M/S -GSI	M/S -VIBGYOR	90/88	10.05.19
2.	Insulation			Satisfactory		

वरिष्ठ अभियंता
SSE/QC/MCF/RBL
रेल डिब्बा कारखाना, रायबरेली (लालगंज)





MODERN COACH FACTORY, RAE BAREILI

आधुनिक रेल डिब्बा कारखाना, रायबरेली

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DISPATCH	Sr.DME/C&W/JP	Type	L	W	A	C	C	W	Shell No.	9	3	0	9	3	FUR .NO	L2T-T-53
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	194081				194082			
Bogie Type	FIAT				FIAT			
Frame no.	ECBT-87				ECBT-83			
Bolster no.	MCF/RBL-LS5-801				MCF/RBL-LS5-1109			
Axle No	19 P - 1974 RWF		19 R - 2489 RWF		19 L - 5355 RWF		19 P - 9622 RWF	
Wheel Dia.	917.575	917.53	917.626	917.698	917.607	917.698	917.649	917.577
Wheel Disc No	TZ 03-19 29775-9ML3	TZ 04-19 40395-9OH8	TZ 05-19 49445-9PI8	TZ 03-19 29769-9MH7	TZ 04-19 40394-9OH5	TZ 03-19 33745-9OE0	TZ 05-19 45596-9OH8	TZ 03-19 32053-9MH6
R.B. Nos.	07-19 15774	07-19 16414	07-19 17281	06-19 13414	07-19 17095	07-19 16597	07-19 16362	07-19 17292
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
Make & Nos.	TAYAL & CO. Sr.NO.18-09 1100	TAYAL & CO. Sr.NO.18-09 1104	TAYAL & CO. Sr.NO.18-09 1040	TAYAL & CO. Sr.NO.18-09 1027

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KBI	13719,12079	12069,12062
2.	Primary outer Spring	CMFSK	03-19 7411-545(1616,1637,1623,1728)	03-19 7411-545(1635,1745,1625,1744)
3.	Primary Inner Spring	CMFSK	01-19 7143-500(349,372,431,151)	01-19 7143-500(413,387,385,143)
4.	Primary Damper	KONI	03-19 (00283,00865,03180,03485)	03-19 (00833,00883,00855,02986)
5.	Secondary Damper	IAI	01-19 (238131,238094)	01-19 (237984,238230)
6.	Lateral Damper	GABRIEL/IAI	11-18 893	02-19 241865
7.	Brake Cylinder	FAV	D19(122,419,386,369)	D19(210,358,202,379)
8.	Brake Caliper	FAV	E19(263,261,173,176)B	E19(267,265,262,264)B
9.	Brake Disc	KBI	24195448 0025-30/19,24195448 0016-30/19 24195446 0078-30/19,24195446 0079-30/19	24195448 0024-30/19,24195446 0077-30/19 24195446 0030-30/19,24195447 0040-30/19
10.	Ball Joint Control Arm	AR		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	SARITA		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	AR/BASANT		
15.	Ball joint traction centre	AR		
16.	Leveling Valve	KNORR	16-19 B-3699,16-19 B-3663	16-19 B-3821,16-19 B-3583
17.	Check Valve	KNORR	06-19 19463	06-19 18630
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA/AR, SARITA/GMT		
20.	Fork make	EMSON		
21.	Control Arm Upper	CC	020619-2,250519-2,020619-2,040619-2	040619-2,020619-2,040619-2,040619-2
22.	Control Arm Lower	CC	270519-3,270519-3,280519-2,270519-3	280519-3,280519-2,280519-2,280519-2
23.	Phonic Wheel	KNORR	K-05-19	K-05-19

Signature of SSE/Bogie/QC





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12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	D19044B
2.	Distribution valve	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	19045543 B
3.	Pull box	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	
4.	FIBA	M/S- KBI, FARIDABAD	PP-5517/29 NPP-5518/29
5.	Foot Step	M/s- SUPER SPARKS PVT. LTD. FARIDABAD	
6.	D-coupling arrangement	M/S-ELASTOMER LINING WORKS, MUMBAI	
7.	Floor board	M/S- SHRI RAM PNL PANJAB	
8.	PVC	M/S RESPONSIVE IND.MUMBAI	
9.	UIC Vestibule (PPE)	M/S-SUNCREST IND.KOLKATA	
10.	UIC Vestibule (NPPE)	M/S-SUNCREST IND.KOLKATA	
11.	Gangway bridge mounting (PPE)	M/s- MAHAVEER METAL WORKS, KXH	
12.	Gangway bridge mounting (NPPE)	M/s- MAHAVEER METAL WORKS, KXH	
13.	Body Side Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
14.	Emergency Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
15.	Hopper Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
16.	Roof Ceiling	M/s-MOBILITY SOLUTION LTD.MOHALI	
17.	Door way /gang way ceiling	M/S- AMIRCHAND ENGG.WORKS, JALANDHAR	
18.	Supply Air Duct	M/S- HANSPAL TRADERS, KXH	
19.	Partition panel	M/S- UNIVERSAL METAL TEK, NOIDA	
20.	Partition pillar	M/S- SIDHU INTERNATIONAL CO. ORG.(SICO) KXH	
21.	Side Wall panel	M/s- HINDUSTAN FIBER GLASS, VADODRA (GUJARAT)	
22.	AC Trough	M/s-MEENA FIBER GLASS PANDICHERI	
23.	Body Side Doors	M/S- JBM INDUSTRIES, FARIDABAD	
24.	Compartment Door (PPE)	M/s- KALSI FAB PVT. LTD. LDH	
25.	Compartment Door (NPPE)	M/s- KALSI FAB PVT. LTD. LDH	
26.	Vestibule Door(PPE)	M/S -KALSI AUTOMATIC DOOR SYSTEM LTD.LDH	
27.	Vestibule Door(NPPE)	M/S- JBM INDUSTRIES, FARIDABAD	
28.	Bio Tank	M/s- FLASH FORGE (P)LTD. VIZAG	
29.	Auxiliary Water Tank	M/s-MANOJ ENG. MOHALI	
30.	Under Slung Water Tank (2X685L)	M/s- AMIT ENG. MOHALI	
31.	Under Slung Water Tank (1x450 L)	M/s- AMIT ENG. BADDI	
32.	Health Faucet	M/s- HINDUSTAN FIBER GLASS, VADODRA	
33.	Lotah Filler Tap	M/s- HINDUSTAN FIBER GLASS, VADODRA	
34.	Bib cock	M/s- JAQUAR PVT.LTD.ALWAR	
35.	Lavatory Modules	M/s- HINDUSTAN FIBER GLASS, VADODRA (GUJARAT)	
36.	Lavatory Doors	M/s- HINDUSTAN FIBER GLASS, VADODRA (GUJARAT)	
37.	Fire Extinguisher	M/S-ASHOKA ENGG.	PP-4413, NPP-4113
38.	Automatic smoke & heat Detection with alarm System	M/s-SANROK ENTERPRISES	
39.	Seat & Berth	M/S- ORIENTAL VENEER PRODUCTS, MUMBAI	
40.	Light Luggage Rack	M/S- LUCKY ENTT GUNGAON	
41.	Snack Table	M/S- INTERNATIONAL TRACTORS LTD. JALNDHAR	

चरित्र अभियंता
SSE/QC/MCF/RBL
मुख्यता विभाग

रेडिओका, रायबरेली (लातगंज)



संयोजक / उपसंयोजक



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DISPATCH TO		Sr.DME/C&W/IP			Type	L	W	A	C	C	W	Shell No.	9	3	0	9	3	FUR.NO.		L2T(T)-53		

13. MODIFICATION (IF ANY)

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 30 months from the date of supply of material whichever is earlier.

NOTE:

- This warranty covers free supply of parts which wear out and fails within warranty period of normal service.
- This doesn't covers faults arising out of accident, non standard maintenance practices, abnormal use or mishandling, vandal activity, arson & deficient/pilferage etc.
- 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.
- Whether a defective part is to be replaced or repaired shall be at the discretion of MCF/RBL.
- For any complain/ suggestion please Mail at qualityrcfbl@gmail.com
- Painting on supply & apply contract :- supply of material and application shall be warranted for a period of three years from date of 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 गुणवत्ता विभाग #0डि0का0, रायबरेली (लाखगंज)	SME/QC/MCF/RBL Senior Mechanical Engineer/Quality आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory Raebareli	Dy. COM/MCF/RBL Dy. Chief Quality Manager/Shell आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory, Raebareli





Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

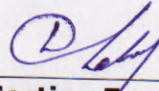
DATE: 18.01.2017

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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES

ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES			
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES			
TYPE COACH	LWACCW	SHELL/COACH NO	196240/C
RAILWAY	NWR	DATE OF DESPATCH	
Sr no	Description of tests		Remarks
1.0	REFERENCE SPECIFICATION : L 446		
1.1	AIR CONDITIONING TEST : ELPS/TP/AC 01.		
1.2	CODE OF PRACTICE OF WIRING : ELPS/SPEC/EOG/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	19.80Cub mtr/min	OK
3.2	Return Air	66.75Cub mtr/min	OK
3.3	Exhaust Air	7.15 Cub mtr/min	OK
3.4	Conditioned Air	158.89 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 :22.5 °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		--


Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



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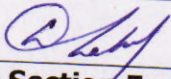
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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB EOG AC COACHES

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 COMPOSITE PANTRY	OK
10.0	BERTH READING LIGHTS	OK
11.0	COMPARTMENT LIGHT	OK
12.0	PUBLIC ADDRESSING SYSTEM (PAS)	OK
13.0	WHEEL SLIDE PROTECTION SYSTEM (WSP)	OK
14.0	WORKING OF 60KVA TRANSFORMER	OK
15.0	WORKING OF REGULATED BATTERY CHARGER	OK
16.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
17.0	SAFETIES :	
17.1	THERMOSTAT :	OK
17.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
17.3	MID SET POINTS (SENSORS FAILED CONDITIONS)	OK
17.4	HYGROSTAT	OK
17.5	CONTROL CIRCUIT	OK
17.6	POWER CIRCUIT	OK
18.0	REFRIGERANT USED	OK
	R 407C	


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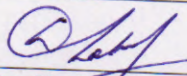
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ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES

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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) 3231 A Sr no of RMPU 2(PP side): 3233 A Sr no of Microprocessor: AE 19.08.631	As per rdso/pe/spes/ac/0061/rev-1/2005	02
02.	Switch board cabinet Make : AMIT ENGG. Sr no : AE/SB-731	As per spec no .EDTS073,REV-D,AM-6	01
03.	Pump equipment with PLC controller& pump box Make: DR AUTO Sr no PA: 19/07/0038 Sr no.1: 2939 Sr no.2: 2924 Srno.CPA: 2019/07/031-DR AUTO	As per spec EDTS 186,Rev-a, Am-2	01
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cummtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : INTEG	EDTS331, TYPE-1 CORR.-1&2	02
05.	Passenger area Light(Cabin) Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	09
06.	Corridor Light with Night light Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	09
07.	Doorway/Gangway light, Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N	06
08.	Emergency light system for EOG type coaches (AEL)Make: DR AUTO	EDTS 151,Rev -c Am-1 & 2	04
09.	Lavatory light fitting assly Make: RT VISION	LW 76001,Alt nil	04
10.	Toilet indication (WC) light, Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-H1	04


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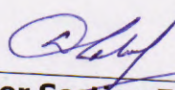
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ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES

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Sr no	Description	Drg/Spec no.	Quantity per Coach
11.	Reading light for longitudinal berth (LHS) Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F1	9
12.	Reading light for upper berth Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F2	26
13.	Reading light for transverse berth (RHS) Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F3	8
14.	Reading light for berth transverse (LHS) Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091- 2016,REV-01, TYPE-F4	9
15.	Passenger alarm coach indication light Make: KAVERI	LW 76005,Alt-e	02
16.	Razor socket for WC 110/240V. Make: SSK	EDML 047 ,Rev nil	04
17.	Terminal strip Make: WAGO	EDML 033,Rev-c	01
18.	Terminal connector Make: WAGO	EDML 037,Rev`a`	04
19.	Single switch 06A/250V/AC ONE WAY ,complete with steel plate & cover frame Make: SSK	EDML 047,Rev_C, Item 1.	09
20.	Single switch 06A/250V/AC ONE WAY complete with steel plate & cover frame Make: SSK	EDML 047,Rev_A ,Item 2.	09
21.	Switch socket combined 5PIN (06A, 250V AC) along with 1A glass fuse fitted powder coated steel plate & cover frame Make: SSK	EDML 0,64,Rev-B, Item -16.	09
22.	PA system for LHB coaches Make : AHUJA	EDTS 173 Rev- a Am-1,2&3	01 set


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

REV NO: 00

DATE:18.01.2017

ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES

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Sr no	Description	Drg/Spec no.	Quantity per Coach
23.	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 : NIL	EDTS 129,Rev nil	01 set
24.	Battery box for LHB coaches. Make: HITECH	As per drgno 1 10113 0 76 700 005,Alt C	01
25.	Battery fuse box +ve Make : RADIANT	LW 71001,Alt-F	01
26.	Battery fuse box -ve Make : NEC	LW 71002,Alt-F	01
27.	Regulated battery charger Make : M.B & COMPANY Sr no: 201907261	RDSO/PE/SPEC/AC/0183 (REV -0)	01
28.	Emergency battery charger Make : M.B & COMPANY Sr no: 201907285	EDTS 163,Rev `c` corg.-2&3	01
29.	5KVA Transformer Make: WAVES SL.no : WLDT 5L 18391	As Per EDTS-366,REV-NIL & CC-71510	01
30.	Capacitor Bank Make: KONTACT SL.no : KT-901	As per EDML-130 Rev-1,Corr-1	01
31.	60KVA transformer Make : VIMAL Sr no : VTC-R-3089 LHB-1325	As per rdso/pe/spec/ac/0080/rev-0 (2007)/Am-1&2/Corr. 1,2&3	01
32.	ZS coupling 400A/750V/03Ph/50hz. Make : PRIME ELECT.	As per spec No EDTS 105,Rev `e` Am-2	02 sets
33.	Feeder junction boxes. Make : NEC	EDTS-328 REV-C	02
34.	Wheel set earthling equipment. Make : PRIME ELECT.	EDTS101,REV-C,AM-1	02
35.	Wheel Slide Protection System (WSP) Make: FAIVELEY Sr no : 07/19/231	M/s : FAIVELEY	01 set
36.	PANTRY EQUIPMENTS : Hot Case, Bottle cooler cum deep freezer Make : NIL	As per spec no EDTS 139, Rev- E ,Sec II.	00

SSE/EL/QC

वरिष्ठ अनुभाग अभियन्ता

गुणवत्ता नियंत्रण

आर०डि०का० / लालगंज / रायबरेली

S.S.E./Elect-QC/M.C.F./LLJ/RBL

AWM(ELECT.)/MCF/RBL
DY CEE (PLG)/MCF/RBL

सं कार्य प्रबन्धक / विद्युत

आर०डि०का० / रायबरेली

A.W.M/Electrical/MCF/RBL