



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/2019-20/130

RLY	C	R	-	Coach No.	1	9	3	5	3	4	/	C	DATE OF DISPATCH	0	4	-	0	5	-	1	9
-----	---	---	---	-----------	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

DISPATCH TO	SSE/STOCK/ CSTM	Type	L	W	A	C	C	N	Shell No.	9	3	0	1	5	FUR.NO.	L3T-1169
-------------	--------------------	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---------	----------

1. Railway Board's Order No. : 2019/M(C)/142/2, dated -30 -04-2019
2. Tare Weight of Coach : 45.6 Tonnes
3. Carrying Capacity : (a) Seating: 72 (b) Sleeping: 72 (c) Luggage: NIL

4. 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	4250
4.	CBC height/Buffer height from Rail level 1105 +0/-10	1) 1105 (NPPE) 2) 1105 (PPE)

5. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Under frame	PP END M/s-SFPL	73
		NPP END M/s-SFPL	73
	Complete	M/s-SFPL	73
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 M/S- COMPETANT ENG. JUC	04/01
		RH SIDE M/S- COMPETANT ENG. JUC	04/02
4.	End wall	PP END M/s- OMAX REWARI	---
		NPP END M/s- OMAX REWARI	---
5.	Roof	M/s-INDIRA	19/44
6.	Centre Buffer Coupler	M/S- SANROK ,FARIDABAD	PP END 12295 NPP END 12318

6. 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

7. 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-GS	SUPPLY & APPLY	89/88	16.04.19
2.	Insulation			Satisfactory		

[Signature]
SSE/QC/MCF/RBL

गुणवत्ता विभाग
रेडि०का०, रायबरेली (ल० गंज)





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/2019-20/130

RLY	C	R	-	Coach No.	1	9	3	5	3	4	/	C	-	DATE OF DISPATCH	0	4	.	0	5	.	1	9
-----	---	---	---	-----------	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

DISPATCH	SSE/STOCK/CSTM	Type	L	W	A	C	C	N	Shell No.	9	3	0	1	5	FUR .NO	L3T-1169
----------	----------------	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---------	----------

8. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	182464				182463			
Bogie Type	FIAT				FIAT			
Frame r/o.	VS-1474				VS-1477			
Bolster no.	AMIT-378				VS-380			
Axle No	18 J- 1728 RWF		18 M J- 1052 RWF		18 J- 5548 RWF		18 G- 4357 RWF	
Wheel Dia	917.636	917.707	917.647	917.734	917.666	917.735	917.581	917.689
Wheel Disc No	TZ 07-18 37219-8RM7	TZ 07-18 37376-8RN3	TZ 07-18 37374-8RN3	TZ 07-18 37373-8RN3	TZ 07-18 37382-8RN3	TZ 08-18 44095-8RS7	TZ 07-18 43209-8RN2	TZ 07-18 432108RN2
R.B. Nos.	09-18 21810	09-18 22548	09-18 22692	07-18 22344	09-18 22700	09-18 22416	09-18 23116	09-18 21133
CT R B Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	

9. 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.	CMAFJ11-18- L001-8836-68	CMRSK12-18- F19-S46-19A- 1588	CMAFJ11-18- L001-8836-120	CMAFJ12-18-F19- S45-19A-1599	CMAFJ11-18- L001-8836-45	CMRSK12-18-F19- S45-19A-1403	CMAFJ11-18- L001-8836-65	CMRSK12-18-F19- S45-19A-1400
Compressed Ht. at Tested Load	515	468	515	468	515	468	515	468
Alignment deviation (mm)	5	22	5	24	15	44	15	45

10. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KBI	18388,18384	18251,16250
2.	Primary outer Spring	CMGBD	08-18 411-105(702,686,609,591)	08-18 411(105-852,98-840,105-534,110-684)
3.	Primary Inner Spring	CMRSK	11-18 04Y(4347,6879,8362,8398)	10-18 04Y(8511,8615,8492,6810)
4.	Primary Damper	IAI	12-18 (234304,235046,235789,234983)	12-18 (234549,234546,234199,234224)
5.	Secondary Damper	IAI	12-18 (230929,230849)	12-18 (230901,230340)
6.	Lateral Damper	IAI	01-19 237310	01-19 237295
7.	Brake Cylinder	FAV	(N18-040,M18-499,514,N18-026)	(N18-059,M18-463,462,N18-038)
8.	Brake Caliper	FAV	A19(460,458,457,459)B	A19(452,450,449,451)B
9.	Brake Disc	KBI	24167533 0004-44/18,24162278 0048-40/18 24167534 0008-44/19,24167534 0007-44/18	24167534 0006-44/18,24167534 0004-44/18 24167688 0034-43/18,24167530 0033-43/18
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	GMT		
12.	Traction Centre make	SARITA/SF		
13.	Traction lever make	JL		
14.	Ball joint traction lever	AR		
15.	Ball joint traction centre	AR		
16.	Secondary Rubber Pad	PPI		
17.	Rubber Spring	PPI		
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA/GMT /SF/GMT		
20.	Fork make	EMSON/ASL		
21.	Control Arm Upper	RVE	211118-1,201118-3,211118-1,211118-1	201118-4,301118-4,211118-1,231118-3
22.	Control Arm Lower	RVE	271118-3,271118-3,201118-1,181118-3	191118-3,201118-1,221118-2,191118-4
23.	Phonic Wheel	FAV	FT/KEP/1548	FT/KEP/549

my



Modern Coach Factory Raebareilly

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/2019-20/130

RLY	C	R	-	Coach No.	1	9	3	5	3	4	/	C	DATE OF DISPATCH	0	4	-	0	5	-	1	9
-----	---	---	---	-----------	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

DISPATCH TO	SSE/STOCK/ CSTM	Type	L	W	A	C	C	N	Shell No.	9	3	0	1	5	FUR.NO.	L3T-1169
-------------	--------------------	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---------	----------

11. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	C19155 B
2.	Distribution valve	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	19035678 B
3.	Pull box	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	
4.	Foot Step	M/S- SUPER SPARK PVT.LTD.FARIDABAD	
5.	Decoupling arrangement	M/S- KOHINOOR KR, MUMBAI	
6.	Floor board	M/s- T.W.P.L. INDUS. MUMBAI	
7.	PVC	M/S RESPONSIVE IND.MUMBAI	
8.	UIC Vestibule (PPE)	M/S-ELASTOMER LINING WORKS, MUMBAI	
9.	UIC Vestibule (NPPE)	M/S-ELASTOMER LINING WORKS, MUMBAI	
10.	Gangway bridge mounting (PPE)	M/s- MAHAVEER METAL WORKS, KXH	
11.	Gangway bridge mounting (NPPE)	M/s- MAHAVEER METAL WORKS, KXH	
12.	Body Side Window	M/s- BIRKON ENGG.GZB	
13.	Emergency Window	M/s- BIRKON ENGG.GZB	
14.	Lavatory/hopper Window	M/S- TECH FAB KXH	
15.	Roof Ceiling	M/s-MSL (MOBILITY SOLUTION LTD.) MOHALI	
16.	Door way /gang way ceiling	M/S- AMIRCHAND ENGG.WORKS, JALANDHAR	
17.	Supply Air Duct	M/S- HANSPAL TRADERS, KXH	
18.	Partition panel	M/S-RAIL TECH KXH	
19.	Partition pillar	M/S- J.R. INDUSTRIES LTD. JALANDHAR	
20.	Side Wall panel	M/S- HINDUSTAN FIBRE & GLASS LTD. VADODARA	
21.	AC Trough	M/s- MEENA FIBER GLASS INDUS. PUDUCHERY	
22.	Body Side Door	M/s- JVR INDS, LUDHIYANA	
23.	Compartment Door (PPE)	M/S- HANSPAL TRADERS, KXH	
24.	Compartment Door (NPPE)	M/S- HANSPAL TRADERS, KXH	
25.	Vestibule Door(PPE)	M/S- JBM INDUSTRIES, FARIDABAD	
26.	Vestibule Door(NPPE)	M/S- JBM INDUSTRIES, FARIDABAD	
27.	Bio Tank	M/s- FLASH FORGE (P)LTD. VIZAG	
28.	Auxiliary Water Tank	M/S- MANOJ ENT,MOHALI	
29.	Under Slung Water Tank (2X685L)	M/S- RAIL FAB KXH	
30.	Under Slung Water Tank (1x450 L)	M/S- AMIT ENG. MOHALI	
31.	Flexible Faucet	M/S- HINDUSTAN FIBRE & GLASS LTD. VADODARA	
32.	Lotah Filler Tap	M/S- HINDUSTAN FIBRE & GLASS LTD. VADODARA	
33.	Bib cock	M/s- JAQUAR PVT.LTD. ALWAR	
34.	Lavatory Modules	M/s-CMT MECHANISED SYSTEM PV. LTD. VADODARA	
35.	Lavatory Doors	M/s-CMT MECHANISED SYSTEM PV. LTD. VADODARA	
36.	Fire Extinguisher	M/S- COPITAL FIRE ENGG.	PPE-6741 ,NPPE-6880
37.	Seat & Berth	M/S- TWPL MUMBAI	
38.	Light Luggage Rack	M/S- TECHO INDS, ALD.	
39.	Snack Table	M/S- DLJM, NOIDA	

Signature
SSE/QC/MCF/RBL
गुणवत्ता विभाग
रायबरेली, रायबरेली (मालगंज)





Modern Coach Factory Raebareli

DOC NO.: MCF/RBL/QMF 8002

REV NO: 01

DATE: 17.04.2018

आधुनिक रेल डिब्बा कारखाना, रायबरेली

ROLLING STOCK CERTIFICATE

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2019-20/130

RLY	C	R	-	Coach No.	1	9	3	5	3	4	/	C	DATE OF DISPATCH	0	4	-	0	5	-	1	9
-----	---	---	---	-----------	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

DISPATCH TO	SSE/STOCK/ CSTM	Type	L	W	A	C	C	N	Shell No.	9	3	0	1	5	FUR.NO.	L3T-1169
-------------	--------------------	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---------	----------

12. MODIFICATION (IF ANY) : NIL

13. DEVIATION (IF ANY) : NIL

14. ITEM FITTED ON THE COACH ON TRIAL : NIL

S NO	ITEM PARTICULARS	PURPOSE	REPORT Frequency	REFERENCE & PERIOD OF TRIAL

15. 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:

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 case extend 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 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 रौडि 00410, रायबरेली (मालगंज)	 SME/QC/MCF/RBL Senior Mechanical Engineer/Quality आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory Raebareli	 Dy.CQM/MCF/RBL 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

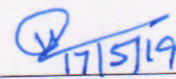
PAGE 1 OF 5

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES

TYPE COACH		LWACCN	SHELL/COACH NO	193534/C
RAILWAY		CR	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	19.87 Cub mtr/min		OK
3.2	Return Air	75.48 Cub mtr/min		OK
3.3	Exhaust Air	7.15 Cub mtr/min		OK
3.4	Conditioned Air	195.87 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 :21.9 °C NPP Side :22.8 °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


 Senior Section Engineer
 Quality control / Electrical
 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

PAGE 2 OF 5

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG 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	COMPARTMENT LIGHT	OK
11.0	PUBLIC ADDRESSING SYSTEM (PAS)	OK
12.0	WHEEL SLIDE PROTECTION SYSTEM (WSP)	OK
13.0	WORKING OF 60KVA TRANSFORMER	OK
14.0	WORKING OF REGULATED BATTERY CHARGER	OK
15.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
16.0	SAFETIES :	
16.1	THERMOSTAT :	OK
16.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
16.3	MID SET POINTS (SENSORS FAILED CONDITIONS)	OK
16.4	HYGROSTAT	OK
16.5	CONTROL CIRCUIT	OK
16.6	POWER CIRCUIT	OK
17.0	REFRIGERANT USED R 407C	OK

[Signature]
17/5/19
Senior Section Engineer
Quality control / Electrical
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

PAGE 3 OF 5

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

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 (NPP side): 3441 C Sr no of RMPU (PP side) : 3377 C Sr no of Microprocessor: AE 19.03.314	As per rdso/pe/spes/ac/0061/rev-1/2005	02
02.	Switch board cabinet Make : TROLEX Sr no : 181162	RDSO/PE/SPEC/AC/0184-2015 REV-0	01
03.	Pump equipment with PLC controller & pump box Make : DR AUTO Sr no PA : 2019/02/040 Sr no.1 : 19020014 Sr no.2 : 19020023 Sr no.CPA : 7746/10/2018-KALSI	As per spec EDTS 186,Rev-a, Am- 2	01
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cum mtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : INTEG	EDTS331, TYPE-1 CORR.-1&2	02
05.	Door way/Gangway Light Make : DR AUTO	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N	07
06.	Provision of Passenger area light(Cabin) Make: RT VISION	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	09
07.	Corridor Light with Night light Make: RT VISION	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	09
08.	Emergency light system for EOG type coaches (AEL) Make : CONCORD	EDTS 151,Rev -c Am-1 & 2	04
09.	Lavatory light fitting assly Make : K.LITE	LW 76001,Alt nil	04
10.	Toilet indication (WC) light, Make: AGASTYA	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-H1	04
11.	Passenger alarm coach indication light Make : DR AUTO	LW 76005,Alt-e	02

17/5/19
Senior Section Engineer
Quality control / Electrical
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

PAGE 4 OF 5

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
12.	Razor socket for WC 110/240V. Make : SSK	EDML 047,Rev nil	04
13.	Terminal strip Make : WAGO	EDML 034,Rev-a	01
14.	Terminal connector Make : WAGO	EDML 037,Rev`a'	04
15.	Single switch 06A/250V/AC ONE WAY ,complete with steel plate & cover frame Make : SSK	EDML 0,64,Rev-B, Item 04.	09
16.	Single switch 06A/250V/AC ONE WAY complete with steel plate & cover frame Make : SSK	EDML 0,64,Rev-B, Item 05.	09
17.	Provision of 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
18.	PA system for LHB coaches Make : AHUJA	EDTS 173,Rev- a Am- 1,2&3	01 set
19.	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 Lug date : 09/12	EDTS 129,Rev nil	01 set
20.	Battery box for LHB coaches. Make : NIL	1 10113 0 76 700 005 w/o item 5,22 ,23 ,26 & 27.	01
21.	Battery fuse box +ve Make : AECO	As per LW 71001,Alt- F	01
22.	Battery fuse box -ve Make : INTEG	As per LW 71002,Alt- F	01

Senior Section Engineer
Quality control / Electrical
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

PAGE 5 OF 5

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
23.	Emergency battery charger Make : BHASIN Sr no: 01196163 Make : WAVES Sr no: WEBCC 184727	EDTS 163,Rev `c' corg.-2&3	02
24.	Provision of 5KVA TFR Make : WAVES SL.no : WLDTL5 18404	As Per EDTS-366,REV-NIL & CC-71510	01
25.	Provision of capacitor Bank Make : KONTACT SL.no : KT-624	As per EDML-130 Rev-1,Corr-1	01
26.	60KVA transformer Make : VIMAL Sr no : VTC-3089 LHB-4558	As per rdso/pe/spec/ac/0080/rev-0 (2007)/Am-1&2/Corr. 1,2&3	01
27.	Inter Vehicle (ZS)coupler Make: MAA LAXMI INDUSTRIES.	As per RDSO PE SPEC-0177-2013 REV-0	01 set
28.	Feeder junction boxes. Make : SIDWAL	EDTS-328 REV-C	01 set
29.	Wheel set earthling equipment. Make : DARSHAN INTERPRISES	EDTS101,REV-C,AM-1	02 sets
30.	Wheel Slide Protection System (WSP) Make : FAIVELEY Sr no : 01/19/112	M/s : FAIVELEY	01 set
31.	PANTRY EQUIPMENTS : Hot Case & Bottle cooler cum deep freezer Make : SUPER	As per EDTS -139, Rev- E ,Sec II.	01

 17/5/19	
SSE/EL/QC	AWM(ELECT.)/MCF/RBL SEE(P)/MCF/RBL

वरिष्ठ अनुभाग अभियन्ता
गुणवत्ता नियंत्रण
आधुनिक डिब्बा / लालगंज / रायबरेली
S.S.E./Elect-QC/M.C.F./LLJ/RBL

वरिष्ठ विद्युत अभियन्ता
रेल कोच फैक्टरी, रायबरेली, लखनऊ
Sr. Electrical Engineer / RCF / RBL / Lucknow