



Modern Coach Factory Raebareli

आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF
8002/LBAC
REV NO: 00
DATE: 21.02.2019

ROLLING STOCK CERTIFICATE

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2019-20/1060

RLY	W	R	-	Coach No.	1	9	7	2	5	7	/	C	DATE OF DISPATCH	1	4	-	1	1	-	1	9
DISPATCH TO	Sr.DME/BCT			Type	L	W	C	B	A	C	Shell No.	9	5	0	2	6	FUR.NO.	LBAC-55			

- Railway Board's Order No. : 2019/M(C)/142/2, Dated: 23-10-2019
- Tare Weight of Coach : 39 Tonnes
- Carrying Capacity : (a) Seating: 15 (b) Sleeping: 15 (c) Luggage: NIL
- Special feature:-1 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
2 - RFID (Radio frequency identification) fitted for traceability of coach

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) 1104 (NPPE) 2) 1095 (PPE)

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Under frame	PP END M/s-JBM	16
	Complete	NPP END M/s-RFPL	36
2.	Lav. side wall	M/s-RAIL TECH KXH	95026
		M/s-RAIL TECH KXH	LAV.1 --- LAV.2 ---
3.	Side wall	MCF/RBL	LAV.3 --- LAV.4 ---
	LH SIDE	MCF/RBL	16/01
4.	End wall	M/S- OMAX REWARI	16/02
	RH SIDE	M/S- OMAX REWARI	---
5.	Roof	M/s-MCF/CONT	---
6.	Centre Buffer Coupler	M/S- SANROK	16
		PP END 13608 NPP END 13683	

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	6 - 10 sec. 3.0 ± 0.15 kg/cm ² .	08 sec. 3.0 kg/cm ²
2.	Insensitivity	➤ All Brake are applied ➤ Exhaust BP @ 0.3 kg/cm ² /min.	OK	OK
3.	Sensitivity	➤ Exhaust BP @ 0.1 kg/cm ² /Sec, after 06 Sec.	No brake application 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- AXALTA	M/S-EMPRISE	95/94	28.08.19
2.	Insulation					

Satisfactory

विकास
SSE/QC/MCF/RBL

गुणवत्ता विभाग
रेडि०का०, रायबरेली (लाजपतगंज)



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/2019-20/1060

RLY	W	R	-	Coach No.	1	9	7	2	5	7	/	C	-	DATE OF DISPATCH	1	4	1	1	2	0	1	9
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DISPATCH	Sr.DME/BCT	Type	L	W	C	B	A	C	Shell No.	9	5	0	2	6	FUR .NO	LBAC-55
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	194087				194088			
Bogie Type	FIAT				FIAT			
Frame no.	WIL-163				WIL-344			
Bolster no.	MCF/RBL-LS5-1116				RBL-LS5-888			
Axle No	19 R-1258 RWF		19 R - 2301 RWF		19 R- 2431 RWF		19 P 8174 - RWF	
Wheel Dia	917.552	917.613	917.55	917.597	917.545	917.594	917.472	917.546
Wheel Disc No	TZ 03-19 32354-90E9	TZ 05-19 43258-9PE6	TZ 04-19 34363-90F1	TZ 03-19 32355-90E9	TZ 12-18 19736-8WS6	TZ 02-19 24870-9ML8	TZ 03-19 31035-9MK5	TZ 03-19 32353-90E9
R.B. Nos.	07-19-15222	07-19-16727	07-19-17122	07-19-1700	07-19-17168	07-19-16959	07-19-16109	07-19-16963
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
	TAYAL & CO. Sr.NO. 18-09 1098	TAYAL & CO. Sr.NO. 18-09 1011	TAYAL & CO. Sr.NO. 18-09 1021	TAYAL & CO. Sr.NO. 18-09 1093

11. TRACEABILITY 90F BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KBI	12216,13348	13339,12223
2.	Primary outer Spring	CMFSK	03-19 7411-545(1362,1400,1314,1708)	03-19 7411-545(1352,1631,1287,1406)
3.	Primary Inner Spring	CMRSK	01-19 02Y(1792,1769,1686,2087)	01-19 02Y(1581,1982,1962,1802)
4.	Primary Damper	KONI	03-19 (08284,08772,02377,01836)	03-19 (06011,03228,03460,03464)
5.	Secondary Damper	IAI	01-19(238075,238096)	01-19(238278,237952)
6.	Lateral Damper	GABRIEL	11-18 1018	11-18 892
7.	Brake Cylinder	KBI	B(6019,5187,5210,6006)K-29	B(6101,5184,5203,6018)K-29
8.	Brake Caliper	KBI	B(3444,3554,3558,3443)K-29	B(351,7352,23557,3445)K-29
9.	Brake Disc	KBI	24190407 0009-23/19,24190407 0010-23/19 24190410 0029-25/19,24190411 0056-25/19	24190407 0007-23/19,24190407 0006-23/19 24190406 0053-23/19,24190406 0052-23/19
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	SARITA		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	BASANT/AR		
15.	Ball joint traction centre	AR		
16.	Leveling Valve	KNORR	16-19 B 3759,16-19 B 3703	16-19 B 5706,16-19 B 5711
17.	Check Valve	KNORR	05-19 18673	05-19 18648
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA/AR, SARITA/GMT		
20.	Fork make	EMSON		
21.	Control Arm Upper	CC	19F-137B,19F105,19G24,19F29	19E-20B,19G-7,19E-200B,19E152B
22.	Control Arm Lower	CC	19F-50B,19F-23,19E3B,19F-81B	19E84B,19F-53B,19E-89,19H-78
23.	Phonic Wheel	KNORR	K-06-19	K-06-19

Signature of SSE/Bogie/QC





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DISPATCH TO		Sr.DME/BCT					Type		L	W	C	B	A	C	Shell No.	9	5	0	2	6	FUR.NO.	LBAC-55
12. TRACEABILITY OF FURNISHING ITEMS:																						
S NO		ITEM																				

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S - FAIVELY TRANS. TECH.INDIA LTD BADDI(HP)	F 19006 B
2.	Distribution valve	M/S - FAIVELY TRANS. TECH.INDIA LTD BADDI(HP)	19055501B
3.	Pull box	M/s- KBI, FARIDABAD	
4.	Fiba Device	M/s- KBI, FARIDABAD	
5.	Foot Step	M/S- SUPER SPARK PVT.LTD.FARIDABAD	PP-8105/29
6.	Decoupling arrangement	M/S-ELASTOMER LINING WORKS, MUMBAI	NPP-8111/29
7.	Floor board	M/s- SHRI RAM PANELS, PUNJAB	
8.	PVC	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
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- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
14.	Emergency Window	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
15.	Lavatory/hopper Window	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
16.	Automatic Fire Detection System	M/S- SANROK ,FARIDABAD	
17.	Roof Ceiling	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
18.	Door way /gang way ceiling	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
19.	Supply Air Duct	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
20.	Partition panel	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
21.	Partition pillar	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
22.	Side Wall panel	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
23.	AC Trough	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
24.	Body Side Doors 1	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
25.	Body Side Doors 2	M/S- JBM INDUSTRIES, FARIDABAD	
26.	Compartment Door	M/S- SUKATA TRACTOR PARTS PVT.LTD. PKL	
27.	Vestibule Door(PPE)	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
28.	Vestibule Door(NPPE)	M/S- HANSAL TRADERS, KXH	
29.	Pantry sliding door	M/S- HANSAL TRADERS, KXH	
30.	Saloon sliding door(PPE)	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
31.	Saloon sliding door(NPPE)	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
32.	FRP panels for pantry room	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
33.	Shutter (small)	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
34.	RMPU	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
35.	Bio Tanks	M/S-AMIT ENGG.PKL	
36.	Auxiliary Water Tanks	M/S- JSL LIFE STYLE LTD	
37.	Under Slung Water Tank (2X685L)	M/s- AMIT ENG. MOHALI & RAIL FAB	
38.	Under Slung Water Tank (1x450 L)	M/s- SHIVALIK FAST. MOHALI	
39.	Flexible Faucet	M/s- AMIT ENG. BADDHI	
40.	Lotah Filler Tap	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
41.	Bib cock	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
42.	Lavatory Modules	M/s- JAQUAR PVT. LTD. ALWAR	
43.	Lavatory Doors	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
44.	Fire Extinguisher	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
45.	Seat & Berth	M/s-CAPITAL FIRE	
46.	WATER PURIFIRE	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	Sr.no-09828
47.	RFID	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
		M/S- TECH SOLUTION PVT LTD.	Sr.105736,105735

वरिष्ठ अभियंता
मुणवत्ता विभाग
रेलवे कारखाना, रायबरेली (लालगंज)



Modern Coach Factory Raebareli

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DISPATCH TO		Sr.DME/BCT				Type		L	W	C	B	A	C	Shell No.	9	5	0	2	6	FUR.NO.	LBAC-55	
13. MODIFICATION (IF ANY)										: NIL												

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 qualityrcfrbl@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.

Sr.DME/BCT	SME/QC/MCF/RBL	Dy.CQM/MCF/RBL
वरिष्ठ यंत्रिक अभियन्ता/गुणवत्ता विभाग	वरिष्ठ यंत्रिक अभियन्ता/गुणवत्ता विभाग	उप मुख्य गुणवत्ता प्रबंधक/रेल
गुणवत्ता विभाग	Senior Mechanical Engineer/Quality	Dy. Chief Quality Manager/Shell
फ़ीडबैक, रायबरेली (लालगंज)	आधुनिक रेल डिब्बा कारखाना, रायबरेली	आधुनिक रेल डिब्बा कारखाना, रायबरेली
	Modern Coach Factory Raebareli	Modern Coach Factory, Raebareli



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

DATE: 25.01.2019

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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG HOG AC HOT BUFFET CAR
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG HOG AC HOT BUFFET CAR

ROLLING STOCK CERTIFICATE OF LHB/EOG HOG AC HOT BUFFET CAR			
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG HOG AC HOT BUFFET CAR			
TYPE COACH	LWCBAC	SHELL/COACH NO	197257/C
RAILWAY	WR	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	19.72 Cub mtr/min	OK
3.2	Return Air	54.56 Cub mtr/min	OK
3.3	Exhaust Air	7.15 Cub mtr/min	OK
3.4	Conditioned Air	171.69 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 :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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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG/HOG AC HOT BUFFET CAR
ELECTRICAL TEST CERTIFICATE FOR LHB EOG/HOG AC HOT BUFFET CAR

Sr no	Description of test	Remarks
6.0	HUMIDITY CONTROL	
7.0	PUMP EQUIPMENTS	OK
8.0	WORKING OF EXHAUST FANS OVER LAVATORIES	OK
9.0	WORKING OF PANTRY EQUIPMENTS	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 TRANSFORMERS	OK
14.0	WORKING OF REGULATED BATTERY CHARGER	OK
15.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
16.0	SAFETY :	
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	OK
	R 407C	

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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 (NPP side): 4101 J Sr no of RMPU (PP side) : 4102 J Sr no of Microprocessor: AE 19.05.433	As per rdso/pe/spes/ac/0061/rev-1/2005	02
02.	Switch board cabinet Make : ABROL Sr no : 005-08/2019	As per Spec no.EDTS134,REV.D,AM-5	01
03.	Pump equipment with PLC controller & pump box Make : DR AUTO Sr no PA : 2019/08/0061 Sr no.1 : 19080335 Sr no.2 : 19080435 Sr no.CPA : 2019/10/05-DR AUTO	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 : ECOFIT	EDTS331, TYPE-1 CORR.-1&2	01
05.	Provision & mounting of Passenger area light(Cabin) Make : RT VISION	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L & Drg no LW76090	09
06.	Provision & mounting of Corridor Light with Night light Make : DR AUTO	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M & Drg no LW76091	09
07.	Provision & mounting of Doorway/ Gangway light Make : RT VISION	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N & Drg no. LW 76099	06
08.	Provision & Mounting of PACIL Assly. Make : KAVERI	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-I Drg no. LW 76098.	02
09.	Provision & Mounting of Toilet indication light, Make : DR AUTO	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-H1 Drg no. LW 76097.	01
10.	Provision & Mounting of Lavatory Light Make : RT VISION	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-D & Drg no. LW 76092.	02
11.	Terminal connector Make : WAGO	EDML 037,Rev`a`	04
12.	Provision of terminal strip with flanges Make : WAGO	As per EDML-034 Rev -A	01SET

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ROLLING STOCK CERTIFICATE OF LHB/EOG/HOG AC HOT BUFFET CAR

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Sr no	Description	Drg/Spec no.	Quantity per Coach
13.	Provision of Four Switch 6A/250V AC Complete With Steel Plate & Cover Frame. Make: SSK	As per Spec no.EDML043,CORR-1	04 nos
14.	Provision of Twin Switch 6A/250V,Complete With Steel Plate & Cover Frame. Make: SSK	As per Spec no.EDML044,REVNIL,CORR-1	03 nos
15.	Provision of Single Switch 16A,250V & 6/16A,250V.AC 6-Pin Shuttered Socket Compl. With Steel Plate & Cover Frame, Make: SSK	As per Spec no.EDML045,CORR-1	06 nos
16.	Provision of PA System for LHB EOG Rajdhani Rake . Make:- PANJAB RADIO(AHUJA) Call box Make: BOSCH	As per Spec no.EDTS173,REV.A,AM-3	01 set
17.	Jumper Cable with Connector for PA System. Make:- MV	As per drg no.LW75206,Alt' c	01 set
18.	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
19.	Battery box for LHB coaches. Make : HITECH	1 10113 0 76 700 005 w/o item 5,22 ,23 ,26 & 27.	01
20.	Battery fuse box +ve Make : AECO	As per LW 71001,Alt-F	01
21.	Battery fuse box -ve Make : ISGPL	As per LW 71002,Alt-F	01
22.	Emergency battery charger Make : BHASIN Sr no: 08198976 Make : BHASIN Sr no: 08199001	EDTS 163,Rev 'c' corg.-2&3	02
23.	Provision of capacitor Bank Make : RICHMOND ENTERPRISES SL.no: 341749	As per EDML-130 Rev-1,Corr-1	01
24.	60KVA transformer Make : VIMAL Sr no : VTC-R-3089-LHB-2137 Make: VIMAL Sr no : VTC-R-3089-LHB-2111	As per rdso/pe/spec/ac/0080/rev-0 (2007)/Am-1&2/Corr. 1,2&3	02

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

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DATE: 25.01.2019

ROLLING STOCK CERTIFICATE OF LHB/EOG/HOG AC HOT BUFFET CAR

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Sr no	Description	Drg/Spec no.	Quantity per Coach
25.	ZS coupling 400A/750V/03Ph/50hz. Make : PRIME ELECT.	As per spec No EDTS 105, Rev`e` Am-2	01 set
26.	Feeder junction boxes. Make : INDORAIL	EDTS-328 REV-C	01 set
27.	Wheel set earthing equipment. Make : PRIME ELECT.	EDTS101, REV-C, AM-1	02 sets
28.	Wheel Slide Protection System (WSP) Make : FAIVELEY Sr no : 46/18/1862	As per M/s Sab Webco, M/s Knorr Bremse, M/s Escorts.	01 Set
29.	Provision of fitment of modular Integrated Pantry unit.	As per spec no EDTS 118, REV- E, AM-2	01 Set
30. (a)	Hot Plate: Make: - VISHAL		03
(b)	Geysers Make: VISHAL		01
(c)	Hot Water Boilers, Make: VISHAL		02
(d)	Bottle Coolers, Make: VISHAL		01 set
(e)	Deep Freezers Make: VISHAL		01 set
(f)	Hot Case, Make: VISHAL		01 set
(g)	Chimneys, Make: VISHAL		03
h)	Oven Toaster Griller Make: VISHAL		01
(i)	Refrigerator Make: L.G		01
(j)	Insect Killer Make: NIL		02

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

