



Modern Coach Factory Raebareilly
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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

ROLLING STOCK CERTIFICATE (TEJAS)

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/20-21/935

RLY	WR	COACH NO	205680/C		DATE OF DISPATCH		23-Jan-21
Type	LWCBAC	Shell No.	20P002	DISPATCH TO	Sr.DME/C&W/BCT	FUR.NO.	Tej/BAC-02

1. Railway Board's Order No. : 2020/M(C)/142/2 Dated: -24.12.2020

2. Tare Weight of Coach : 39 Tonnes

3. Carrying Capacity : (a) Seating:15 (b) Sleeping: 15 (c) Luggage:NIL

4A. 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

4B. Smart feature:-

A-PICCU, Chocked Filter Sensor, Air Quality Measurement Unit, Energy Metering Module, Water Level Sensing, IP Based LCD Display, Digital Destination Board, 100Wx2 DC DC Converter, GSM-GPS Combo Antenna, 6W Speakers, Emergency Duplex Talk Back, POE Camras, Train Ethernet Coupler, 12 PRT EN50155, Wireless Sensor Node, RF Antenna, Brackers For WSN, Toilet Occupancy Sensor, Decal, Toilet Odour Sensor, Ventilation Fan Sensor-M/S- A.PAUL NDLS

B-Single Leaf Automatic Plug Door-M/S-KBI

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 1104/1105

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1	Under frame	PP END M/s-KANSAL	26
	Part	NPP END M/s-KANSAL	26
	Complete	M/s-KANSAL	26
2	Lav. side wall	M/s-KANSAL LAV.1	LAV.2
		M/s-KANSAL LAV.3	LAV.4
3	Side wall	LH SIDE M/s-KANSAL	27
		RH SIDE M/s-KANSAL	27
4	End wall	PP END M/s-KANSAL	-----
		NPP END M/s-KANSAL	-----
5	Roof	M/s-KANSAL	27
6	Centre Buffer Coupler	M/s-ESCORTS	NPP/PP 5705/5702

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/cm ² .	6 – 10 sec.	8 sec
		Max. pressure in BC	3.0 ±0.15 kg/cm ² .	3.0 kg/cm ²
		All Brake are applied	OK	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	GSI	M/s-GSI (S&A)	73/89	28-Oct-20
2	Insulation			Satisfactory		

Deema
12/02/2021
SSE/QC/MCF/RBL

वरिष्ठ अनुष्ठानिक अभियंता
गुणवत्ता विभाग
रेलवे डिब्बा कारखाना, रायबरेली (लालगंज)





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/2020-21 - 935**

RLY	W	R	-	-	Coach No.	2	0	5	6	8	0	/	C	-	DATE OF DISPATCH	2	3	0	1	2	0	2	1
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DISPATCH	Sr.DME/C&W/BCT	Type	L	W	C	B	A	C	Shell No.	2	0	P	0	0	2	FUR .NO	Tej/BAC-02
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	201786				201785			
Bogie Type	LSASP				LSASP			
Frame no.	MCF/RBL/LS-5 -2354				MCF/RBL/LS-5 -2343			
Bolster no.	ULTRA ENGG.-125				MCF/RBL/LS-5 -2611			
Axle No	20 A- 6255 RWF		20 A- 8016 RWF		20 A- 3906 RWF		20 A - 0085 RWF	
Wheel Dia	917.408	917.424	917.41	917.33	917.454	917.429	917.46	917.42
Wheel Disc No	TZ 05-18 22396-8PR1	TZ 05-19 49303-8PQ9	TZ 05-19 21001-8XN1	TZ 05-19 50572-9PE1	TZ 12-18 13606-8WS6	TZ 01-19 20998-8XI1	TZ 12-18 13608-8WM9	TZ 05-19 43301-8PI8
R.B. Nos.	07-20 41575	05-19 413398	06-20 411616	06-20 411497	07-20 416358	06-20 415495	06-20 415143	06-20 414974
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. 07-19 2129	TAYAL & CO. 07-19 2119	TAYAL & CO. 07-19 2180	TAYAL & CO. 07-19 2098

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	ESCORT	6925,6209	6809,6762
2.	Primary outer Spring	CMAFI	07-20 7411-(594,598,595,593)	07-20 7411-(600,597,599,596)
3.	Primary Inner Spring	CMSTL	02-19 F02-551-02A-(5139,5407,5195,5101)	02-19 F02-551-02A-(5186,5351,5292,5234)
4.	Primary Damper	GABRIEL	03-20 (1458,1463,1447,1460)	03-20 (1468,1459,1461,1455)
5.	Secondary Damper	KONI	04-19 (06545,03647)	04-19 (05531,05910)
6.	Lateral Damper	IAI	03-20 313739	03-20 313934
7.	Brake Cylinder	FAV	F20(324,788,790,322)	F20(019,378,377,023)
8.	Brake Caliper	FAV	G20(1803,1801,1802,1804)B	H20(204,202,201,203)B
9.	Brake Disc	FAV	06-20 (6504,6503,5928,5917)D133561-300	06-20 (5915,5916,6543,6544)D133561-300
10.	Ball Joint Control Arm	AR		
11.	Lateral Bump Stop	GMT		
12.	Traction Centre make	RF		
13.	Traction lever make	JJ		
14.	Ball joint traction lever	GMT		
15.	Ball joint traction centre	SGA/AR		
16.	Leveling Valve	ESCORT	20-08 4758,20-08 6771	20-08 4759,20-08 4947
17.	Check Valve	ESCORT	20-08-8773	20-08-4762
18.	Anti roll bar Make	SARITA		
19.	Roll Link make	RF+BONY		
20.	Fork make	RF/SARITA		
21.	Control Arm Upper	SF(SARITA)	5,347,160,857	85,125,375,203
22.	Control Arm Lower	SF(SARITA)	471,116,128,150	41,148,129,140
23.	Phonic Wheel	KBI	K10-19	K10-19

Signature of SSE/Bogie/QC



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LBAC

REV NO: 00

DATE: 21.02.2019

ROLLING STOCK CERTIFICATE (TEJAS)

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/20-21/935

RLY	WR	COACH NO	205680/C	DATE OF DISPATCH		23-Jan-21	
Type	LWCBAC	Shell No.	20P002	DISPATCH TO	Sr.DME/C&W/BCT	FUR.NO.	Tej/BAC-02

13. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/s-FAIVELEY	D19038B
2	Distribution valve	M/s-FAIVELEY	19045538B
3	Pull box	M/s-KBI	
4	FIBA	M/s-ESCORTS	20060630,20060509
5	Foot Step	M/s-RCF/KXH (NON STOCK ITEM)	
6	Decoupling arrangement	M/s-PULSAR RUBER KOLKATA	
7	Floor board	M/s-TWPL MUMBAI	
8	PVC	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
9	UIC Vestibule (PPE)	M/s-ELASTOMER MUMBAI	
10	UIC Vestibule (NPPE)	M/s-ELASTOMER MUMBAI	
11	Gangway bridge mounting (PPE)	M/s-RIS KXH	
12	Gangway bridge mounting (NPPE)	M/s-RIS KXH	
13	Body Side Window	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
14	Emergency Window	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
15	Lavatory/hopper Window	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
16	Automatic Fire Detection System	M/s-SANROK ENT	
17	Roof Ceiling	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
18	Doorway/Gangway Ceiling	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
19	Supply Air Duct	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
20	Partition panel	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
21	Partition pillar	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
22	Side wall panel	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
23	AC Trough	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
24	RMPU	M/s-ESS ESS KAY (SSK)KXH	
25	Body Side Door	M/s-KNORR BREMSE LTD PALWAL	
26	Compartment Door (PPE)	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
27	Vestibule Door(PPE)	M/s-KALSI LDH	
28	Vestibule Door(NPPE)	M/s-KALSI LDH	
29	Pantry sliding door	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
30	Saloon sliding door(PPE)	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
31	FRP panels for pantry room	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
32	Shutter (small)	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
33	Bio Tanks	M/s-RAIL FAB-01 NOS,UNIFAB-01 NOS	
34	Presurized flushing eletc.pneumatic	M/s-SPAC	
35	Auxiliary Water Tanks	M/s-AMIT MOHALI-01 NOS+SFPL-02 NOS	
36	Under Slung Water Tank (2X685L)	M/s-SHIVALIK FAST MOHALI	
37	Under Slung Water Tank (1x450 L)	M/s-AMIT ENG BADDI	
38	Health Faucet	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
39	Lotah Filler Tap	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
40	Bib cock	M/s-JAQUAR PVT LTD ALWAR	
41	Lavatory Modules	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
42	Lavatory Doors	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
43	Fire Extinguisher	M/s-AMTEX	17521
44	Seat & Berth	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
45	Ventury grill	NIL	
46	RFID	NIL	

Signature
12/02/2021
SSE/QC/MCF/RBL

वरिष्ठ उपाधीक्षक
मुख्यतंत्र विभाग
रेल डिब्बा कारखाना, रायबरेली (ता.रायबरेली)





Modern Coach Factory Raebareilly
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002
LBAC REV NO: 00
DATE: 17.04.2018

ROLLING STOCK CERTIFICATE (TEJAS)

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/20-21/935

RLY	WR	COACH NO	205680/C	DATE OF DISPATCH	23-Jan-21
Type	LWCBAC	Shell No.	20P002	DISPATCH TO	Sr.DME/C&W/BCT
				FUR.NO.	Tej/BAC-02

14. MODIFICATION (IF ANY) : NIL

15. DEVIATION (IF ANY) : NIL

16. ITEM FITTED ON THE COACH ON TRIAL : NIL

S NO	ITEM PARTICULARS	PURPOSE	REPORT Frequency	REFERENCE & PERIOD OF TRIAL
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16. WARRANTY:


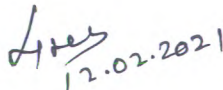
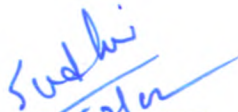
S NO	COMPONENTS	WARRANTY
1	Brake Pad, wheels, flushing valves, push gravity cocks, moldings, window glasses, mirrors, curtain clutch wire etc. (items which are consumable in nature)	NIL
2	Other coach furnishing sub assemblies(bought out items)	24 months from the date of dispatch of coach OR 30months from the date of supply of material whichever is earlier.

NOTE:

- 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 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.

 12/02/2021 SSE/QC/MCF/RBL	 12.02.2021 SME/AME/QC/MCF/RBL	 Sudhir Kumar Dy. Chief Quality Manager Modern Coach Factory, Raebareilly
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वरिष्ठ अनुसंधान विभाग
गुणवत्ता विभाग
रेलवे डिब्बा कारखाना, रायबरेली (बालगंज)

सहायक यांत्रिक इंजीनियर
Asst. Mechanical Engineer
आ. रे. डि. का. रायबरेली
MCF, RBL





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

TYPE COACH	LWCBAC	SHELL/COACH NO	205680/C
RAILWAY	WR	ELECT.FIT DATE	FUR.NO
		07-01-2021	LBAC(TEJAS)-02
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	31.68 Cub mtr/min	OK
3.2	Return Air	79.08 Cub mtr/min	OK
3.3	Exhaust Air	5.01 Cub mtr/min	OK
3.4	Conditioned Air	178.26 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 Not done due to Ambient temp. below 22°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	OK
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 R 407C	OK

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

Sr no	Description	Drg/Spec no.	Quantity per Coach
01.	Roof mounted AC package unit for LHB AC coaches Make : SSK Sr no of RMPU (NPP side): 2010/20 Sr no of RMPU (PP side) : 2008/20 Sr no of Microprocessor: 2011057-SSK	As per rdso/pe/spes/ac/0061/rev-1/2005	02
02.	Switch board cabinet Make : ABROL Sr no : 009	As per Spec no.EDTS134,REV.D,AM-5	01
03.	Pump equipment with PLC controller & pump box Make : DR AUTO Sr no PA : 20/08/0111 Sr no.1 : 4788 Sr no.2 : 4831 Sr no.CPA : 20070082-KIND	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	01
05.	Provision & mounting of Passenger area light(Cabin) Make : ENSAVE	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 : DR AUTO	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.	Provision of Razor socket for WC for 110/240V. Make: SSK	As per EDML047,ITEM-4	02

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

Sr no	Description	Drg/Spec no.	Quantity per Coach
12.	Provision of Four Switch 6A/250V AC Complete With Steel Plate & Cover Frame. Make: SSK	As per Spec no.EDML043,CORR-1 -	04 nos
13.	Provision of Twin Switch 6A/250V,Complete With Steel Plate & Cover Frame. Make: SSK	As per Spec no.EDML044,REVNIL,CORR-1 -	03 nos
14.	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
15.	Provision of PA System for LHB EOG TEJAS Rake . Make:- DONE BY MECHANICAL DEPARTMENT. Call box Make: DONE BY MECHANICAL DEPARTMENT.	AS PER SSE/ELECT./STAGE-IX LETTER DATED 21.01.2021 AND REFERENCE P.O.NO-31051850101122 DATED 19/08/2019 INSTALLATION AND COMMISSIONING WORK OF PA SYSTEMS HAS BEEN CARRIED OUT BY MECHANICAL DEPARTMENT.	N/A
16.	Jumper Cable with Connector for PA System.&PICCU. Make:- DONE BY MECHANICAL DEPARTMENT.	AS PER SSE/ELECT./STAGE-IX LETTER DATED 21.01.2021 AND REFERENCE P.O.NO-31051850101122 DATED 19/08/2019 INSTALLATION AND COMMISSIONING WORK OF PA SYSTEMS HAS BEEN CARRIED OUT BY MECHANICAL DEPARTMENT.	N/A
17.	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 : 11/19	EDTS 129,Rev nil	01 set
18.	Battery box for LHB coaches. Make : HITECH	1 10113 0 76 700 005 w/o item 5,22 ,23 ,26 & 27.	01
19.	Battery fuse box +ve Make : INDORAIL	As per LW 71001,Alt-F	01
20.	Battery fuse box -ve Make : RICHMOND	As per LW 71002,Alt-F	01
21.	Emergency battery charger Make : WAVES Sr no: WEBCJ 206070 Make : WAVES Sr no: WEBCJ 206038	EDTS 163,Rev `c` corg.-2&3	02
22.	Provision of capacitor Bank Make : RICHMOND SL.no: 343993	As per EDML-130 Rev-1,Corr-1	01
23.	60KVA transformer Make : VIMAL Sr no : VTC-R-3089-LHB-4484 Make: VIMAL Sr no : VTC-R-3089-LHB-4517	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 Raebareilly
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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

Sr no	Description	Drg/Spec no.	Quantity per Coach
24.	ZS coupling 400A/750V/03Ph/50hz. Make : S.INTERNATIONALS	As per spec No EDTS 105,Rev`e` Am-2	01 set
25.	Fitment of external supply sockets (125A/415V/IP67/5Pole with pilot contacts.) Make:- MV	As per drg no 1948036/UIV 4125-6.	02
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 : 12441	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.	Hot Plate:		03
(a)	Make:- S.D.ENGG.		
(b)	Geysers Make: S.D.ENGG.		01
(c)	Hot Water Boilers, Make: S.D.ENGG.		02
(d)	Bottle Coolers, Make: S.D.ENGG.		01 set
(e)	Deep Freezers Make: S.D.ENGG.		01 set
(f)	Hot Case, Make: S.D.ENGG.		01 set
(g)	Chimneys, Make: S.D.ENGG.		03
h)	Oven Toaster Griller Make: BAJAJ		01
(i)	Refrigerator Make: SAMSUNG		01
(j)	Insect Killer Make: PROVIDED BY HINDUSTAN		02
(k)	Water Purifier(RO). Make: PROVIDED BY HINDUSTAN		01
31.	Provision of reliable wired Train bus in EOG/HOG coaches for hauling of trains by Loco's in Push-Pull mode. Make : SCHALT BAU INDIA PVT. LTD.	RDSO spec. no. RDSO/PE/MS/AC/0080-2019 (Rev.-1)	01set

 S.S.E/EL/QC गुणवत्ता नियंत्रण आ0रे0डि0का0 / लालगंज / रायबरेली S.S.E./Elect-QC/M.C.F/LLJ/RBL	 AWM(ELECTO)/MCF/RBL SEE(P)/MCF/RBL आ0रे0डि0का0 / लालगंज / रायबरेली A.W.M./Electo/M.C.F/LLJ/RBL
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