



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 (TEJAS)

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/20-21/1065

RLY	WR	COACH NO	211143/C	DATE OF DISPATCH	13-Feb-21
Type	LWCBAC	Shell No.	20P005	DISPATCH TO	CDO/C&W/AGTL
				FUR.NO.	Tej/BAC-05
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

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	Front Part	PP END M/s-KANSAL
		NPP END	M/s-KANSAL
	Complete	M/s-KANSAL	
2	Lav. side wall	M/s-KANSAL	LAV.1
		M/s-KANSAL	LAV.2
		M/s-KANSAL	LAV.3
		M/s-KANSAL	LAV.4
3	Side wall	LH SIDE	M/s-KANSAL 29
		RH SIDE	M/s-KANSAL 29
4	End wall	PP END	M/s-KANSAL
		NPP END	M/s-KANSAL
5	Roof	M/s-KANSAL	29
6	Centre Buffer Coupler	M/s-ESCORTS	NPP/PP 5894/5888

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)	74/90	26-Nov-20
2	Insulation			Satisfactory		

Signature
28/02/2021
SSE/QC/MCF/RBL

वरिष्ठ अनु अभियंता
गुणवत्ता विभाग
रेडिओ, रायबरेली (बालागंज)





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 – 1065 (TEJAS)**

RLY	W	R	-	-	Coach No.	2	1	1	1	4	3	/	C	-	DATE OF DISPATCH	1	3	0	2	2	0	2	1
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DISPATCH	CDO/C&W/AGTL	Type	L	W	C	B	A	C	Shell No.	2	0	P	0	0	5	FUR .NO	LBAC - 05
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	201900				201899			
Bogie Type	LSASP				LSASP			
Frame no.	MCF/RBL/LS5- 2528				MCF/RBL/LS5- 2186			
Bolster no.	MCF/RBL/LS5- 2802				MCF/RBL/LS5- 3036			
Axle No	20 A - 8890 RWF		20 B - 5399 RWF		20 B - 5488 RWF		20 B - 2124 RWF	
Wheel Dia	917.17	917.33	917.20	917.24	917.29	917.021	917.10	917.30
Wheel Disc No	TZ 02-19 23981-9MK3	TZ 02-19 24490-9MM4	TZ 03-19 29443-9MK4	TZ 03-19 18244-8MT9	TZ 04-19 36416-9ML9	TZ 05-18 22249-8PR4	TZ 05-18 18122-8MY0	TZ 05-18 20383-8PQ1
R.B. Nos.	06-20 411908	06-20 413826	06-20 412462	03-20 408130	06-20 412208	06-20 504638	06-20 413974	06-20 412244
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. 19-01 1638	TAYAL & CO. 19-01 1646	TAYAL & CO. 01-19 1771	TAYAL & CO. 19-01 1667

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	ESCORTS	8217,8241	8227,8251
2.	Primary outer Spring	CMAFI	07-20 7411(102,163,164,71)	07-20 7411(139,66,165,68)
3.	Primary Inner Spring	CMSTL	02-19 F02-S45-02A (2679,6487,7736,6796)	02-19 F02-S45-02A (6928,2777,8289,7272)
4.	Primary Damper	IAI	02-20 (309353,321820,301937,320601)	02-20 (310612,320367,321664,309152)
5.	Secondary Damper	KONI	04-19 (04303,06891)	04-19 (04396,06929)
6.	Lateral Damper	IAI	09-19 272820	11-19 283599
7.	Brake Cylinder	ESCORT	55596,56747,57746,55597	57101,56583,56586,57102
8.	Brake Caliper	ESCORT	34414,34474,34473,34413	34413,34447,34448,34414
9.	Brake Disc	KBI	24229074 0059-30/20,24229073 0016-30/20 24229078 0039-31/20,24229078 0034-31/20	24229077 0038-31/20,24229078 0018-31/20 24229073 0034-30/20,24229073 0033-30/20
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	BASANT		
12.	Traction Centre make	RNG		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	BONY		
15.	Ball joint traction centre	SGA		
16.	Leveling Valve	ESCORT	1912,1912	1912,1912
17.	Check Valve	ESCORT	1912	1912
18.	Anti roll bar Make	RF		
19.	Roll Link make	RF +GMT		
20.	Fork make	RF		
21.	Control Arm Upper	SF	157,168,194,198	66,113,147,278
22.	Control Arm Lower	SF	219,168,201,218	205,155,136,56
23.	Phonic Wheel	ESCORT	ESCORT	ESCORT

Signature of SSE/Bogie/QC



Modern Coach Factory Raebareilly

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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/20-21/1065

RLY	WR	COACH NO	211143/C	DATE OF DISPATCH	13-Feb-21
Type	LWCBAC	Shell No.	20P005	DISPATCH TO	CDO/C&W/AGTL
				FUR.NO.	Tej/BAC-05

13. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/s-ESCORTS	2019030083
2	Distribution valve	M/s-ESCORTS	1903A083
3	Pull box	M/s-KBI	
4	FIBA	M/s-FAIVELEY	H20133,G20033
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-KRP PUNE	
10	UIC Vestibule (NPPE)	M/s-SUNCREST KOLKATA	
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 KXH	
34	Presurized flushing eletc.pneumatic	M/s-AIR FLOW	
35	Auxiliary Water Tanks	M/s-OASIS -02 NOS+AMIT ENGG.MOHALI-01 NOS	
36	Under Slung Water Tank (2X685L)	M/s-OASIS	
37	Under Slung Water Tank (1x450 L)	M/s-OASIS	
38	Health Faucet	M/s-HFGW VADODARA	
39	Lotah Filler Tap	M/s-HFGW 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 SAFTEY	17567
44	Seat & Berth	M/s-CMT MECHANISED SYS.PVT.LTD VADODARA	
45	Ventury grill	NIL	
46	RFID	NIL	

[Signature]
28/02/2021
SSE/QC/MCF/RBL

वरिष्ठ अनुसंधान अधिकारी
गुणवत्ता विभाग
रेल डिब्बा कारखाना, रायबरेली (ता.रायबरेली)





Modern Coach Factory Raebareli

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/20-21/1065

RLY	WR	COACH NO	211143/C	DATE OF DISPATCH	13-Feb-21
Type	LWCBAC	Shell No.	20P005	DISPATCH TO	CDO/C&W/AGTL
				FUR.NO.	Tej/BAC-05

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	REFERENCE &
			Frequency	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.

 28/02/2021 वरिष्ठ QC/MCF/RBL	 01.03.2021 SME/AME/QC/MCF/RBL Asst. Mechanical Engineer आ. र. डि. कार. रायबरेली MCF, RBL	 01/03/2021 Sudhir Kumar Dy. COM/MCF/RBL आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory, R.
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वे 0 डि 0 कार 0, रायबरेली (लागवज)



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

ELECTRICAL TEST CERTIFICATE FOR LHB/EOG HOG AC HOT BUFFET CAR							
TYPE COACH		LWCBAC		SHELL/COACH NO		211143/C	
RAILWAY		WR	ELECT.FIT DATE	12-02-2021	FUR.NO	LBAC(TEJAS)-05	
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			31.04 Cub mtr/min		OK	
3.2	Return Air			76.16 Cub mtr/min		OK	
3.3	Exhaust Air			5.01 Cub mtr/min		OK	
3.4	Conditioned Air			179.43 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



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF RBL/QEF/8001

REV NO: 00

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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

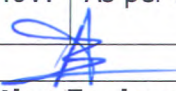
**Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli**


	Modern Coach Factory Raebareilly आधुनिक रेल डिब्बा कारखाना, रायबरेली	DOC NO.: MCF/RBL/QEF/8001
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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): 1819/20 Sr no of RMPU (PP side) : 1818/20 Sr no of Microprocessor: 2011043-SSK	As per rdso/pe/spes/ac/0061/rev-1/2005	02
02.	Switch board cabinet Make : ABROL Sr no : 019	As per Spec no.EDTS134,REV.D,AM-5	01
03.	Pump equipment with PLC controller & pump box Make : HIND Sr no PA : 20/10/548 Sr no.1 : 20/10/1135 Sr no.2 : 20/10/1136 Sr no.CPA : 19070075-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 : 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 : WAVES	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 : AGASTYA	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-I Drg no. LW 76098.	02
09.	Provision & Mounting of Toilet indication light, Make : RT VISION	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: SKS	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 Rajdhani Rake . Make:- AHUJA Call box Make: AHUJA	As per Spec no.EDTS173,REV.A,AM-3	01 SET
16.	Jumper Cable with Connector for PA System. Make:- LEC	As per drg no.LW75206,Alt' c	01 SET
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 : AUTO INDUSTRIES	As per LW 71001,Alt-F	01
20.	Battery fuse box -ve Make : AECO	As per LW 71002,Alt-F	01
21.	Emergency battery charger Make : WAVES Sr no: WEBCJ 206076 Make : WAVES Sr no: WEBCJ 206001	EDTS 163,Rev `c' corg.-2&3	02
22.	Provision of capacitor Bank Make : RICHMOND SL.no: 343978	As per EDML-130 Rev-1,Corr-1	01
23.	60KVA transformer Make : VIMAL Sr no : VTC-R-3089-LHB-1628 Make: VIMAL Sr no : VTC-R-3089-LHB-1626	As per rdso/pe/spec/ac/0080/rev-0 (2007)/Am-1&2/Corr. 1,2&3	02
24.	GPS PASSENGER INFORMATION SYSTEM FOR LHB AC-TEJAS COACHES. Make: ELECTRONIC EQUIPMENT. MBU SL No: 0219-162 1. LCD (NPP) SL.No: 0219-402 2. LCD (PP) SL.No : 0219-401	RDSO/SPEC/AC/0087-2008(REV-1) & RDSO/PE/SK/AC/0182-2015 & RDSO/PE/TP/AC/0026-2015,REV-0	01 SET


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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
25.	ZS coupling 400A/750V/03Ph/50hz. Make : PRIME ELECT.	As per spec No EDTS 105, Rev 'e' Am-2	01 set
26.	Fitment of external supply sockets (125A/415V/IP67/5Pole with pilot contacts.) Make:- MV	As per drg no 1948036/UIV 4125-6.	02
27.	Feeder junction boxes. Make : INDORAIL	EDTS-328 REV-C	01 set
28.	Wheel set earthing equipment. Make : PRIME ELECT.	EDTS101, REV-C, AM-1	02 sets
29.	Wheel Slide Protection System (WSP) Make : ESCORTS Sr no : 190955-61550-0078	As per M/s Sab Webco, M/s Knorr Bremse, M/s Escorts.	01 Set
30.	Provision of fitment of modular Integrated Pantry unit.	As per spec no EDTS 118, REV-E, AM-2	01 Set
31.	Hot Plate:		03
(a)	Make:- SPECTRUM		
(b)	Geysers Make: SPECTRUM		01
(c)	Hot Water Boilers, Make: SPECTRUM		02
(d)	Bottle Coolers, Make: SPECTRUM		01 set
(e)	Deep Freezers Make: SPECTRUM		01 set
(f)	Hot Case, Make: SPECTRUM		01 set
(g)	Chimneys, Make: SPECTRUM		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
32.	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.	RDSO spec. no. RDSO/PE/MS/AC/0080-2019 (Rev.-1)	01set

SSE/EL/QC वारंट 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 आ०रे०डि०का० / रायबरेली A.W.M./Electrical/MCF/RBL