



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/2020-21/396

RLY	NWR	COACH NO	204614/C	DATE OF DISPATCH	29-Aug-20
Type	LWLRRM	Shell No.	20h003	DISPATCH TO	SSE/C&W/AII
				FUR.NO.	LPC-324

1. Railway Board's Order No. : 2019/M(C)/142/2 Dated: -13-06-2019
2. Tare Weight of Coach : 53.2 Tones
3. Carrying Capacity : (a) Seating: NIL (b) Sleeping: NIL (c) Luggage: 3.9 tones
4. 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

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 1104/1098

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1	Under	PP END	M/S-RAIL TECH KXH 23
	Part	NPP END	M/S-RAIL TECH KXH 23
	Complete	M/S-RAIL TECH KXH	23
2	Lav. side wall	M/S-TI CHENNAI	LAV.1 LAV.2
		M/S-TI CHENNAI	LAV.3 LAV.4
3	Side wall	LH SIDE	MCFRBL-V4U-LKO 40
		RH SIDE	MCFRBL-V4U-LKO 40
4	End wall	PP END	M/S-GANESH
		NPP END	M/S-GANESH
5	Roof	M/S-AIR-F	31
6	Centre Buffer Coupler	M/S-FRONTIER	NPP/PP 29P2 04P2
7	Buffer	M/S-RANEKA	NPP/PP 20H0003 N.A

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	6 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
4	Handbrake(Parking brake)for generator car	1.Apply hand brake 2.Release hand brake	1.Hand Bk. Indicator should be red 2. Hand Bk. indicator should be green	OK OK

S NO	ITEM	DESCRIPTION	SPEC. VALUE	OBSERVED VALUE
	generator car	Smoke detection	1.controller should display smoke in zone 1,2 2.strobe light & hooter should activate	OK
		Heat detection	1.controller should display smoke/heat in zone 1,2 2 strobe light & hooter should activate	OK

S NO	DESCRIPTION	TYPE OF PAINT	MAKE	APPLICATION BY MCF/ CONTRACTOR (SUPPLY & APPLY)	AVERAGE GLOSS VALUE	DATE OF COMPLETION
1	Paint	P.U	VIBGYOR	M/S-VIBGYOR (S&A)	88/88	8-Jul-20
2	Insulation			Satisfactory		

SSE/QC/MCF/RBL

वरि०अनु० अभियंता
गुणवत्ता विभाग
रे०डि०का०, रायबरेली (नालगंज)



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/2020-21/396

RLY	N	W	R	Coach No.	2	0	4	6	1	4	/	C	-	DATE OF DISPATCH	2	9	0	8	2	0	2	0
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DISPATCH	SSE/C&W/AII	Type	L	W	L	R	R	M	Shell No.	2	0	H	00	3	FUR .NO	LPC-324
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	200328				200327			
Bogie Type	FIAT				FIAT			
Frame no.	WIL- 56				SECPL-11			
Bolster no.	APEX-239				APEX-243			
Axle No	20 Y - 7653 RWF		20 y-5664 RWF		20 Y -1786 RWF		20Y-0124 RWF	
Wheel Dia	917.54	917.50	917.56	917.48	917.48	917.59	917.51	917.63
Wheel Disc No	TZ 06-19 55815-9QK0	TZ 11-19 81004-9VE1	TZ 07-19 67755-9RQ3	TZ 07-19 67754-9RQ3	TZ 12-19 93224-9WJ9	TZ 12-19 90250-9WL9	TZ 11-19 80437-9WL2	TZ 11-19 83587-9VC9
R.B. Nos.	12-19 40342	12-19 34344	12-19 40349	12-19 33950	12-19 37642	02-12 400762	12-19 40187	01-20 400971
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	
	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
Make & Nos.	CMAFJ02-19- 8836-104	CMGBD02-20- F17-794-17	CMAFJ02-19- 8836-102	CMGBD02-20- F17-794-9	CMFSK08-19- 7146-068-130	CMGBD08-19-115- 395-1109	CMFSK08-19- 7146-068-96	CMGBD08-19- 115-395-99
Compressed Ht. at Tested Load	515	471	515	471	511	468	509	468
Alignment deviation (mm)	5	19	5	20	9	10	8	10

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	278433,278401	293505,293529
2.	Primary outer Spring	CMGBD	01-20 F05-774-(23,12,17,60)	01-20 F05-774-(15,48,6,3)
3.	Primary Inner Spring	CMFAJ	01-20 7143-(115,45,78,42)	01-20 7143-(235,43,83,268)
4.	Primary Damper	GABRIEL	01-20 (13614,13629,13620,13625)	01-20 (13622,13627,13621,13624)
5.	Secondary Damper	GABRIEL	12-19(3698,3700)	12-19(3707,3694)
6.	Lateral Damper	KONI	03-19 00428	03-19 00631
7.	Brake Cylinder	KBI	C(0106,0176,0511,0125)K29	C(0100,0119)K29,(3520101001,3519470801,)
8.	Brake Caliper	KBI	A(3617,1992,2007,3621)-29	A(3614,3625)-29,(3520100988,3519470744)
9.	Brake Disc	KBI	24226795 0051-27/20,24226795 0052-27/20 24226747 0009-01/20,24226797 0008-01/20	24229055 0015-28/20,24229055 0014-28/20 24229056 0050-28/20,24229056 0051-28/20
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	GMT		
12.	Traction Centre make	SF		
13.	Traction lever make	JI		
14.	Ball joint traction lever	SGA		
15.	Ball joint traction centre	GMT		
16.	Secondary Rubber Pad	PRAG		
17.	Rubber Spring	GMT		
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SF +GMT		
20.	Fork make	RF		
21.	Control Arm Upper	KUMAR	D3614,N1234,D3684,D4785	D2817,D205,D2017,D3604
22.	Control Arm Lower	KUMAR	D2108,D0798,N2829,N2856	D2810,D9480,D8090,N9410
23.	Phonic Wheel	KBI	K05-20	K05-20

Signature of SSE/Bogie/QC



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				FUR.NO.	LPC-324

13. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S-KBI	0479 08/20
2	Distribution valve	M/S-KBI	2020B10728
3	Hand Brake Equipment	M/S-PLASTO POWER	
4	FIBA	NIL	
5	Floor board	M/S-TWPL MUMBAI	
6	AL. Chequer Plate/Sheet	M/S-RAIL TECH KXH	
7	PVC	M/S-RESPONSIVE POLYFILM GZB	
8	UIC Vestibule (NPPE)	M/S-KRP PUNE	
9	Foot Step	M/S- FABRICON KOLKATA	
10	Gangway bridge mounting (NPPE)	M/S-MMW KXH	
11	Body Side Window	M/S- SHATABDI SAFETY GLASS, VADODARA	
12	Roof Ceiling	M/S-P.D. STEEL JUC	
13	Lavatory/hopper Window	M/S- SHATABDI SAFETY GLASS, VADODARA	
14	Automatic smoke & heat Detection with alarm System	M/S-SANROK	
15	Generator Room Ceiling	M/S- GAURAV IND NDLS	
16	Hatch Door	M/S-RAIL TECH KXH	
17	AC Trough	M/S-BHARAT LTD	
18	RMPU	M/S-AMIT ENGG GURGAON	
19	Luggage Sliding Door	M/S-SICO MOHALI	
20	Body Side Doors	M/S-SAVARN INFRATEL	
21	Vestibule Door(NPPE)	M/S- KALSI LDH	
22	Crew/Gen. Room Door	M/S- JBM INDUSTRIES, FARIDABAD	
23	Crew/Guard Room Door	M/S- JBM INDUSTRIES, FARIDABAD	
24	Bio Tank (01 No Lav.)	M/S-RAIL FAB KXH	
25	Auxiliary Water Tank(1x30l)	M/S-OASIS	
26	Under Slung Water Tank (1x450L)	M/S-AMIT ENG. BADDI	
27	Fuel Tank (2x1540 L)	M/S-P.D.STEEL	
28	Health Faucet	NA	
29	Lotah Filler Tap	M/S- KAPCO VALVES JUC	
30	Bib cock	M/S-AGMECO PVT.LTD	
31	Lavatory Doors	M/S-KALSI LDH	
32	Seat & Berth	M/S-OVPL MUMBAI	
33	Luggage Rack	M/S-RAIL FAB KXH	
34	Folding Table	M/S-RAIL EXPERT LTD JUC	
35	Venturi grill	NIL	
36	RFID	NIL	

SSE/QC/MCF/RBL

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रे०डि०का०, रायबरेली (लालगंज)



Modern Coach Factory Raebareli
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Type	LWLRRM	Shell No.	20h003	DISPATCH TO	SSE/C&W/All
				FUR.NO.	LPC-324

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

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:

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

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	SME/AME/QC/MCF/RBL	Dy.CQM/MCF/RBL

वरिष्ठ अभियंता
गुणवत्ता विभाग
रेलवे, रायबरेली (जालगंज)

रजयक सांख्यिक अभियंता/गुणवत्ता
Assistant Mechanical Engineer / Quality
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory, Raebareli

सुधी कुमार
Dy. Chief Quality Manager
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory, Raebareli



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB POWER CAR
ELECTRICAL TEST CERTIFICATE FOR LHB POWER CAR

ELECTRICAL TEST CERTIFICATE FOR LHB POWER CAR											
TYPE COACH		LWLRRM		SHELL/COACH NO		204614/C					
RAILWAY		NWR		ELECT.FIT DATE		28-08-2020		MCF FUR. NO		LPC-324	
Sr no	Description of tests									Remarks	
1.0	REFERENCE SPECIFICATION : L 446										
1.1	AIR CONDITIONING TEST : ELPS/TP/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				14.73 Cub mtr/min				OK		
3.2	Return Air				29.83 Cub mtr/min				OK		
3.3	Exhaust Air				NIL Cub mtr/min				OK		
3.4	Conditioned Air				62.94 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 : 20.3°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 POWER CAR ELECTRICAL TEST CERTIFICATE FOR LHB POWER CAR

Sr no	Description of test	Remarks
6.0	HUMIDITY CONTROL	OK
7.0	PUMP EQUIPMENTS	OK
8.0	WORKING OF EXHAUST FAN	OK
9.0	LIGHT	OK
10.0	PUBLIC ADDRESSING SYSTEM (PAS)	OK
11.0	WHEEL SLIDE PROTECTION SYSTEM (WSP)	OK
12.0	WORKING OF 60KVA TRANSFORMERS	OK
13.0	WORKING OF RBC/EBC.	OK
14.0	SAFETY :	--
14.1	OHP	OK
14.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
14.3	LP/HP GAUGE & TRIPPING	OK
14.4	HYGROSTAT & SENSORS.	OK
14.5	CONTROL CIRCUIT	OK
14.6	POWER CIRCUIT	OK
14.7	AEL,FEL & FOL RELAY	OK
14.8	UVR/OVR	OK
15.0	HOG CONTROL CIRCUIT	OK
16.0	FEEDER CONTACTORS & HOG CONTACTORS.	OK
17.0	BUS COUPLER	OK
18.0	SAFETY LOOP	OK
19.0	SMOKE TEST	OK
20.0	REFRIGERANT USED R 407C	OK

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ROLLING STOCK CERTIFICATE OF LHB POWER CAR

Sr no	Description	Drg/Spec no.	Quantity per Coach
01.	Provision of Terminal connector complete. Make: M/S INDIAN TELEPHONE & ELECT.	As per EDML-033, Rev.- D,MCF/RBL-Corr-2 or latest.	01 set
02.	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 : 02/19	EDTS 129,Rev nil	01 set
03.	SET OF BATTERY FOR DA (A & B) (A)Make: CELTEK Lug date: 05/20 (B) Make: CELTEK Lug date: 05/20		02 sets
04.	Battery box for LHB coaches. Make: HITECH	As per drg. No. 1 10113.0.76.700.005 w/o item 5,22 ,23 ,26 & 27.ALT C	01
05.	500KVA/750V/03Ph DIESEL ALTERNATOR set, complete with Power & Control panel.	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	02 set
06.	Switch Board Cabinet For 2 X 500 KVA DA set control. Make : ABROL Sr no: 0034-06/2020	As per spec no. EDTS 103, Rev.- D,Amd-7,Corr-1(HOG Compliant) -01 no	01
07.	Switch Board Cabinet (Power Panel) Make : RSI Sr no: 19/10/448001/10	As per spec no. RDSO/PE/SPEC/AC/0184- 2015(REV.0)	01
08.	Alternator "A" Make: STAMFORD Sr no : N20C 1245925	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	01
09.	Diesel Engine "A" Make: CUMMINS Sr no : 25454797	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	01
10.	Control panel for Ventilator Fan Motor for Diesel Engine "A" Make: BHASIN Sr no: 08197931/2	As per spec no. EDTS 110,Rev- nil	01
11.	Ventilator Fan Motor for Diesel Engine "A" Make: ABB Sr no.1: 1697793 Make: ABB Sr.no.2: 1700083	As per spec no EDTS -102 REV-D,PART -A	02
12.	Control Panel for Radiator Fan Motor for Diesel Engine -A Make : BHASIN Sr no : 01208301/1	As per spec no. EDTS 104, Rev'A'	01
13.	Radiator Fan Motor for Diesel Engine -A Make: ABB Sr no : 3G1J19200001719891	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	01

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ROLLING STOCK CERTIFICATE OF LHB POWER CAR

Sr no	Description	Drg/Spec no.	Quantity per Coach
14.	Alternator "B" Make: STAMFORD Sr no : N20D 185424	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	01
15.	Diesel Engine "B" Make: CUMMINS Sr no : 25454796	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	01
16.	Control panel for Ventilator Fan Motor for Diesel Engine "B". Make : BHASIN Sr no : 08197931/1	As per spec no. EDTS 110,Rev nil,AM-1.	01
17.	Ventilator Fan Motor for Diesel Engine "B" Make: ABB Sr no.1: 1700101 Make: ABB Sr no.2: 1700038	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	01
18.	Control Panel for Radiator Fan Motor for Diesel Engine "B" Make: BHASIN Sr no : 01208304/2	As per spec no. EDTS 114, Rev.-B	01
19.	Radiator Fan Motor for Diesel Engine "B" Make: ABB Sr no : 3G1J19200001719870	As per spec no. EDTS 102, Rev'D' AM-4,PART-A	01
20.	24V DC starter Battery Charger for 500KVA DA set. Make: WAVES Sr.no.: WSBCL 191354	As per Spec no. 106 Rev.- Nil,AM-1 or latest.	01
21.	Starter Battery Charging Control Panel (S-40) Make : BHASIN Sr no: 07195389	As per spec no. EDTS 116,Rev nil	01
22.	Feeder Junction box. Make: MV	As per EDML-021,Rev.-L.	01 set
23.	Provision of Single Inlet Radial Blower, 415V/03Ph/185W/ 1045 Cub mtr/hr discharge from S1 & S2 & Lavatory. Make: INTEG	As per EDTS 331,Corr-3,Type-II. Cat. no. 64D180BD,Rev nil.	01
24.	Battery fuse box +ve Make : RICHMOND ENTERPRISES	As per LW 71001,Alt-G	01
25.	Battery fuse box -ve Make : RICHMOND ENTERPRISES	As per LW 71002,Alt-G	01
26.	IVC dummy Socket assembly Make: PRIME ELECT.	As per Drg. No. LW71302,Alt-nil	03
27.	Provision of 60KVA TFR Make: VIMAL Sr no: 1. VTC-R-3089-LHB-4109 Make: WAVES Sr no: A. W60KF20150 Make: VIMAL Sr no: B. VTC-R-3089-LHB-4516	As per spec no. RDSO/PE/SPEC/AC/0080-2007,Rev.-1 with RCF/KXH Corr. 1 & 2. 1. for panel 2. for Rad. Motor A 3. for Rad. Motor B	03

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28.	Regulated battery charger(RBC CUM EBC) Make : IC ELECT. Sr no: 03/20/0003	RDSO/PE/SPEC/AC/0183 (REV '1')	01
29.	Capacitor Bank. Make : NEC Sr no : 2019100738	As Per EDML 130,Type-II,Rev.-1,Cor-3	01
30.	Mounting of Pump equipment with pump box.	As per drg no. 1.10113.0.30.100.001, Alt 'a'	ok
31.	Provision of Pump equipment with PLC controller & pump box Make: GEM Pump assly Sr. no: 20070020 Pump 1 Sr.no.: 20070039 Pump 2 Sr.no.: 20070040 P/Contrl.: 20070024-GEM	As per spec no. EDTS 186 Rev.-A,AM-2,Corr-2 or latest.	01 Set
32.	Provision & mounting of Doorway/ Gangway light Make : DR AUTO	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N & Drg no. LW 76099	20
33.	Provision of Lavatory Light Fitting assembly. Make: RT VISION	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-D As per drg no. LW 76001,Alt nil.	01
34.	Provision of Cable Jacket ,Size Nominal width 25mm ,Length -1000 mm	As per drg no. EDTS 0138,Rev- nil,Corr.-1 Item 9	ok
35.	Provision of PACIL Assly. Make: DR AUTO	As per drg no. LW 76005,Alt nil.	02
36.	Railway carriage Fan 400mm Sweep, 110V DC with crash worthy features. Make: VENTWELL	As per RDSO/PE/SPEC/TL/0021- 2005,Rev-3,AM-1 or latest.	01
37.	Provision of Cable Binders.	As per CC76129 or as approved of OEM by MCF/RCF .	ok
38.	Provision of Razor socket. Make: SSK	As per cat no EDML 047 ,Rev nil.	01
39.	Provision of Smoke Detector Unit. Make: AGNI Sr no: 1163	As per spec EDTS 087,Rev 'B',Cor-1	01 Set
40.	Provision of Tail light LED Type with flashing unit and VHF charging socket. Make: DEW COMPANY	As per EDTS 215,AM-1.Drg. No.73200 alt c	01 Set
41.	Switch plate assembly Make: SSK	As per EDML-045,Corr-I(pl. no. 3364/180)	01

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli





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REV NO: 01

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ROLLING STOCK CERTIFICATE OF LHB POWER CAR

Sr no	Description	Drg/Spec no.	Quantity per Coach
42.	Mounting of inter Vehicle coupler	As per drg no 1.10113.0.74.000.001 Alt nil.	ok
43.	Provision of High Capacity Inter – Vehicular Coupler Unit(ZS Coupling) (500 A,750 V,3 ph,50 Hz).Make: 1.(NPP): PRIME ELECT. 2.(PP): PRIME ELECT.	As per Spec. no. RDSO/PE/SPEC/AC/0177(Rev.-0)- 2013 with annexure-A,B.	01 Set
44.	Provision of External supply Socket 125A/415V/IP67/5-Pole (3Ph+1N+1E) complete with pilot contacts. Make: MV	As per 1948036 /UIB4125-6.	02
45.	Provision of Wheel Set Earthing Equipment. Make NPP : PRIME ELECT. PP : PRIME ELECT.	As per spec no. EDTS 101 ,Rev.-C,AM-1,Corr-6.	01 Set
46.	Public addressing System Make: AHUJA	EDTS -173,Rev-B or latest	01 Set
47.	Provision of Anti Skid Disk Brake System.(WSP) Make : KNORR Sr no : 0120074189	As per MDTS 077,Rev.-2 M/s"FAIVELEY" or "Knorr Bremse", or "ESCORTS"	01 Set
48.	Roof mounted AC Package unit Make : AMIT ENGG. PP: 4015 I CPU No: AE 20.02.423	RDSO/PE/SPEC/AC/0061 2005,REV-1,TYPE-1	01

SSE/EL/QC	AWM(ELECT.)/MCF/RBL
वरिष्ठ अनुभाग अभियन्ता	SEE(P)/MCF/RBL

गुणवत्ता नियंत्रण
आ०रे०डि०का० / लालगंज / रायबरेली
S.S.E./Elect-QC/M.C.F./LLJ/RBL

स० कार्य प्रबन्धक / विद्युत
आ०रे०डि०का० / रायबरेली
A.W.M./Electrical/MCF/RBL

