



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/2020-21/180

RLY	CR	COACH NO	204079/C	DATE OF DISPATCH	21-Jul-20
Type	LWACCN	Shell No.	93603	DISPATCH TO	SSE/STOCK/CR/BB
				FUR.NO.	L3T-1435

1. Railway Board's Order No. : 2020/M(C)142/2, DATE-24.06.2020
2. Tare Weight of Coach : 45.6 Tonnes
3. Carrying Capacity : (a) Seating: 72 (b) Sleeping: 72 (c) Luggage: NIL

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

B-Venturi arrangement in lavatory -NIL

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	4250
4	CBC height/Buffer height from Rail level 1105 +0/-10	NPP/PP 1105/1100

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1	Under frame	Front PP END	M/S-NAV NIRMAN
		Part NPP END	M/S-NAV NIRMAN
		Complete	M/S-NAV NIRMAN 7/38
2	Lav. side wall	M/S-RAIL TECH KXH	LAV.1
		M/S-RAIL TECH KXH	LAV.2
3	Side wall	LH SIDE	MCFRBL-V4U-LKO 385
		RH SIDE	MCFRBL-V4U-LKO 385
4	End wall	PP END	M/S-OMAX REWARI
		NPP END	M/S-OMAX REWARI
5	Roof	M/S-DTL	64
6	Centre Buffer Coupler	M/S-FRONTIER	NPP/PP 303P2/314P1

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.	07 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	ADVANCE	M/S-ADVANCE	89/88	13-Jun-20
2	Insulation			Satisfactory		

SSE/QC/MCF/RBL

वरि०अनु० अभियंता
गुणवत्ता विभाग
रे०डि०का०, 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/2020-21/180

RLY	C	R	Coach No.	2	0	4	0	7	9	/	C	-	DATE OF DISPATCH	2	1	0	7	2	0	2	0
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DISPATCH	SSE/STOCK/CR/BB	Type	L	W	A	C	C	N	Shell No.	9	3	6	0	3	FUR.NO	L3T-1435
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	200450				200449			
Bogie Type	FIAT				FIAT			
Frame no.	AML-218				AML-208			
Bolster no.	APEX-176				APEX-142			
Axle No	20N -9450 RWF		20 W-2373 RWF		20 W -1974 RWF		20 W -2264 RWF	
Wheel Dia	917.454	917.527	917.389	917.531	917.452	917.554	917.468	917.543
Wheel Disc No	TZ-12-19 90355-9VE7	TZ-11-19 81103-9VE1	TZ-11-19 87272-9WH3	TZ-11-19 86223-9VE7	TZ-12-19 93587-9WM0	TZ-11-19 84026-9VE7	TZ-12-19 90068-9WJ7	TZ-11-19 84735-9VC0
R B. Nos.	12-19 38464	12-19 38270	01-20 401603	01-20 401516	12-19 37647	12-19 36676	11-19 33939	01-20 400930
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. Sr.NO-04-19 0429	TAYAL & CO. Sr.NO-04-19 0427	TAYAL & CO. Sr.NO-04-19 0381	TAYAL & CO. Sr.NO-04-19 0446

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	293399,291689	293596,291842
2.	Primary outer Spring	CMRSK/CMAFI	07-18 F03-03Y(6203,6350,1831,2000)	01-20 7411(54,153,144,141)
3.	Primary Inner Spring	CMAFI	01-20 7143-(50,53,127,91)	05-19 7143-(137,228,128,92)
4.	Primary Damper	GABRIEL	01-20 (13045,13040,13054,13056)	01-20 (13073,13064,13055,13543)
5.	Secondary Damper	IAI	01-20 (297423,297426)	01-20 (297551,297547)
6.	Lateral Damper	IAI	11-19 283863	11-19 283863
7.	Brake Cylinder	KBI	c(4832,3376,3378,4860)k29	C(4506,3231,3232,4505)k29
8.	Brake Caliper	KBI	c(1126,1074,1073,1127)-29	C(0769,0950,0951,0768)-29
9.	Brake Disc	KBI	24210785 0034-01/20,24210785 0009-01/20 24210790 0013-02/20,24210789 0061-02/20	24210787 0079-02/20,24210787 0078-02/20 24210789 0050-02/20,24210789 0049-02/20
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	GMT		
12.	Traction Centre make	SARITA		
13.	Traction lever make	JI		
14.	Ball joint traction lever	GMT		
15.	Ball joint traction centre	GMT		
16.	Leveling Valve	ESCORT/KNORR	1912,1912	16-19 B 3901,16-19 B 3717
17.	Check Valve	ESCORT/KNORR	1912	05-19 18578
18.	Anti roll bar Make	SARITA		
19.	Roll Link make	JUR+GMT		
20.	Fork make	RNG		
21.	Control Arm Upper	IRPL	2010B14,2023A48,2014A35,2024A61	2010B15,2027A54,2023A49,2027A53
22.	Control Arm Lower	IRPL	2004A06,2027A58,2014B27,2009A24	2006A03,2011A33,2014B27,2001A01
23.	Phonic Wheel	KBI	K 12-19	K 12-19

Signature of SSE/Bogie/QC





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				FUR.NO.	L3T-1435

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S-KBI	4744 02/20
2	Distribution valve	M/S-KBI	2020A10154
3	Pull box	M/S-KBI	
4	FIBA	M/S-KBI	9686/29,9726/29
5	Foot Step	M/S-DOLPHIN ENGG	
6	Decoupling arrangement	M/S-PULSAR ENGG KOLKATA	
7	Floor board	M/S -TWPL MUMBAI	
8	PVC	M/S -PREMIER POLY FILM GZB	
9	UIC Vestibule (PPE)	M/S-KRP PUNE	
10	UIC Vestibule (NPPE)	M/S-KRP PUNE	
11	Gangway bridge mounting (PPE)	M/s-MMW KXH	
12	Gangway bridge mounting (NPPE)	M/s-MMW KXH	
13	Body Side Window	M/s- SHATABDI SAFTEY GLASS VADODARA	
14	Emergency Window	M/s- SHATABDI SAFTEY GLASS VADODARA	
15	Lavatory/hopper Window	M/s- BIKRAN ENGG.GZB	
16	Roof Ceiling	M/S-MSL CDG	
17	Door way /gang way ceiling	M/s- GANDHI SAFE & ALLIED JUC	
18	Supply Air Duct	M/s- GANDHI SAFE & ALLIED JUC	
19	Side Wall panel	M/S-HF VADODARA	
20	Partition panel	M/S-HONEYCOMB INTERNATIONAL BANGLORE	
21	Partition pillar	M/S-NAGINA ENGG WORKS KXH	
22	AC Trough	M/S-MEENA FIBRE	
23	Body Side Doors	M/S-JVR LDH	
24	Compartment Door (PPE)	M/S-BANSILAL NARINDER JAGADHARI	
25	Compartment Door (NPPE)	M/S-BANSILAL NARINDER JAGADHARI	
26	Vestibule Door(PPE)	M/S-KALSI LDH	
27	Vestibule Door(NPPE)	M/S-KALSI LDH	
28	RMPU	M/S-INTEC CORPORATION	
29	Bio Tank	M/S-RAIL FAB KXH	
30	Pressurized flushing (ele. Pneu.)	M/S-IMI	
31	Auxiliary Water Tank	M/S-OASIS	
32	Under Slung Water Tank (2X685L)	M/S-SHIVALIK FAST MOHALI	
33	Under Slung Water Tank (1x450 L)	M/S-AMIT ENGG MOHALI	
34	Health Faucet	M/S-HF VADODARA	
35	Lotah Filler Tap	M/S-HF VADODARA	
36	Bib cock	M/S-JAQUAR ALWAR	
37	Lavatory Modules	M/S-HF VADODARA	
38	Lavatory Doors	M/S-HF VADODARA	
39	Fire Extinguisher	M/S-DEVIKA FIRE/CHIRAG INDS	1114/149133
40	Automatic smoke & heat Detection with alarm System	M/S-SANROK ENT. FARIDBAD	
41	Seat & Berth	M/S-ADVANCED SILICON PALWAL	
42	Light Luggage Rack	M/S-TECHNO ALD	
43	Snack Table	M/S-DLJM NOIDA	
44	Venturi grill	NIL	
45	RFID	NIL	

SSE/QC/MCF/RBL

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रे०डि०का०, रायबरेली (लालगंज)



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13. MODIFICATION (IF ANY) : FRP LADDER FITTED

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 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.

SSE/QC/MCF/RBL	SME/AME/QC/MCF/RBL	Dy. QOM/MCF/RBL

वरिष्ठ अनु अभियंता
गुणवत्ता विभाग
रेडिओ, रायबरेली (लालगंज)

वरिष्ठ यांत्रिक अभियन्ता/गुणवत्ता
Senior Mechanical Engineer/Quality
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory, Raebareilly

Sudhir Kumar
वरिष्ठ मुख्य गुणवत्ता प्रबंधक
Dy. QOM/MCF/RBL
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory, Raebareilly



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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

ELECTRICAL TEST CERTIFICATE FOR LHB EOG 3T COACH.					
TYPE COACH		LWACCN		SHELL/COACH NO	
RAILWAY		CR		204079/C	
		ELECT. FIT DATE		20-07-2020	
				MCF FUR. NO.	
				3T-1435	
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		26.95 Cub mtr/min		OK
3.2	Return Air		74.87 Cub mtr/min		OK
3.3	Exhaust Air		6.05 Cub mtr/min		OK
3.4	Conditioned Air		176.38 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 : 20.9°C NPP Side : 21.4°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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ELECTRICAL TEST CERTIFICATE FOR LHB EOG 3T COACH.		
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 BERTH READING LIGHTS	OK
10.0	WORKING OF COMPARTMENT LIGHTS	OK
11.0	WORKING OF MOBILE CHARGING SOCKETS	OK
12.0	WORKING OF PUBLIC ADDRESSING SYSTEM (PAS)	OK
13.0	WORKING OF WHEEL SLIDE PROTECTION SYSTEM (WSP)	OK
14.0	WORKING OF 60KVA TRANSFORMER	OK
15.0	WORKING OF 5 KVA TRANSFORMER	OK
16.0	WORKING OF REGULATED BATTERY CHARGER	OK
17.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
18.0	WORKING OF COMPOSITE PANTRY(ONLY FOR RAJDHANI COACH)	N/A
19.0	SAFETY :	---
19.1	OHP :	OK
19.1	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
19.2	LP/HP GAUGE	OK
19.3	HYGROSTAT	OK
19.4	CONTROL CIRCUIT	OK
19.5	POWER CIRCUIT	OK
20.0	REFRIGERANT USED R 407C	OK

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Sr. no.	Description	Drg/Spec no.	Quantity per Coach
01.	Roof Mounted AC package unit for LHB AC coaches Make : SIDWAL Sr no of RMPU 1 (NPP side) : 20E 1808 Sr no of RMPU 2(PP side): 20E 1804 Sr no of Microprocessor. : 19.12.3134	As per RDSO/PE/SPES/AC/0061/REV-1/2005	01 Set
02.	Switch board cabinet Make : RSI Sr no : 19/10/448001/15	As per spec no. RDSO/PE/SPEC/AC/0184-2015(REV.0) MEDTS-0004,Rev.-1 for Smart SBC	01 no.
03.	Pump equipment with PLC controller & pump box Make: KIND PA Sr.no: 0059 Sr no.1: 20050187 Sr no.2 : 20050188 Sr.no.CPA: 20050069-KIND	As per spec EDTS 186,Rev-a, Am-2. As per Spec. EDTS186, & drg no. CC71328 & LW70020 for P/CNTR.	01 Set
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cu.mtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : EYYANI	EDTS331, TYPE-1 CORR.-1&2	02 no.
05.	Provision of Passenger area LED Light(Cabin) Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	09 no.
06.	Mounting of Passenger area light(Cabin/corridor)	As per drg no. LW 76090.	OK
07.	Provision of Cabin/Corridor Light with Night light. Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	09 no.
08.	Mounting of Cabin/Corridor Light with Night light	As per drg no. LW 76091.	OK
09.	Provision & mounting of Doorway/Gangway light. Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N & Drg no. LW 76099	07 no.
10.	Provision & Mounting of PACIL Assly. Make: KAVERI	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-I Drg no. LW 76098.	02 no.
11.	Provision & Mounting of WC light. Make: DHINGRA	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-H1 Drg no. LW 76097.	02 no.
12.	Provision & Mounting of Lavatory Light. Make: K.LITE	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-D & Drg no. LW 76092.	04 no.
13.	Provision of Emergency Lighting system Make: INTEG	As per RDSO/PE/Spec/AC/0180-2016(Rev-0),Type-2 or Latest.	04 no.
14.	Provision of razor socket for WC for 110/240V Make: SSK	. EDML047,ITEM-4	04 no.

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Sr. no.	Description	Drg/Spec no.	Quantity per Coach
15.	PA system for LHB coaches Make: AHUJA	EDTS 173,Rev- B,Cor-1.	01 Set
16.	Provision of terminal strip complete	EDML 034,Rev-C,DRG NO.LW76054	01 Set
17.	Diffuser complete w/o item 1& 2.	LW 76012,Alt-a	ok
18.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate & 2 no. ON OFF switches 6A,250 V AC and 1 no. 5-pin socket 6A,250V AC with 1.0 Amp glass fuse. Make : SSK	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-4 ,Drg. No. LW74202	09 no.
19.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 1 no. ON-OFF switches and 1 no. 5-pin socket 6A, 250 V AC 1 no. 1.0 Amp glass fuse. Make : SSK	As per spec EDML-064,REV-B,Am-1 alt 'c' Item 16,Drg. No. LW74202	54 no.
20.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 3 no. ON-OFF switches and 1 no. 5-pin socket 6A, 250 V AC 1 no. 1.0 Amp glass. Make : SSK	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-5, Drg. No. LW74202	09 no.
21.	Provision & Mounting of reading light for upper berth Make : RT VISION	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F2 & Drg no LW 76094	27 no.
22.	Provision & Mounting of reading light for transverse berth (RHS) Make: IMT	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F3 & Drg no. LW 76095	18 no.
23.	Provision & Mounting of reading light for berth transverse (LHS) Make: IMT	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F4 & Drg no. LW 76096	18 no.
24.	Provision & Mounting of reading light for berth Longitudinal. Make: ENSAVE	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F1 & Drg no LW 76096	09 no.
25.	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(R ev.-0)-2013 with annexure-A, B.	01 set
26.	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 : 03/18	EDTS 129,Rev nil	01 set

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MCF/RBL



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Sr. no.	Description	Drg/Spec no.	Quantity per Coach
27.	Provision of Cable Jacket, Size 75, 50, 20 mtr.	As per spec no. EDTS 0138, Item 5,8,11	ok
28.	Provision of cable binder.	As per Drg. No. cc76129, Item 2,4.	ok
29.	Battery box for LHB coaches. Make: HITECH	As per drgno 1 10113 0 76 700 005,Alt C	01 no.
30.	Battery fuse box +ve Make: RICHMOND	LW 71001,Alt-H	01 no.
31.	Battery fuse box -ve Make: RICHMOND	LW 71002,Alt-I	01 no.
32.	Provision of Regulated Battery Charger Make: HITECH Sr. no.: 18111721	As per spec no. RDSO/PE/SPEC/AC/0183-(REV.-0) . Or RDSO/PE/SPEC/AC/0183-2015(REV.-1)-For Under slung RBC cum EBC.	01 no.
33.	Emergency battery charger Make: N/A Sr.no.: N/A	EDTS163,REV-C,COR-2&3	N/A
34.	Provision of 5 KVA TFR Make: WAVES SL.no.: WLDT5E 20879	As Per EDTS-366,REV-NIL & CC-71510	01 no.
35.	Provision of capacitor Bank Make: KONTACT SL.no.: KT-288	As per EDML-130 Rev-1,Corr-1	01 no.
36.	60KVA transformer Make: VIMAL Sr no : VTC-R-3089-LHB-4251	As per spec no.RDSO/PE/SPEC/AC/0080-2007 (REV-1)	01 no.
37.	Feeder junction boxes. Make: MAA LAXMI INDUSTRIES	EDTS-328 REV-C	01 set
38.	Wheel set earthing equipment. Make: PRIME ELECT.	EDTS101,REV-C,AM-1	01 set
39.	Wheel Slide Protection System (WSP) Make: KNORR Sr. no : 0120064129	As per MDTs 077,Rev.-2 M/s"FAIVELEY" or "Knorr Bremse", or "ESCORTS"	01 set
40.	Provision of External supply Socket 125A/415V/IP67/5-Pole (3Ph+1N+1E) complete with pilot contacts. Make: MV	Cat no. 1948036/UIV4125-6 with RCF annexure-A - 02 nos	02
41.	PANTRY EQUIPMENTS(ONLY FOR RAJDHANI COACH). Hot Case, Bottle cooler cum deep freezer Make: N/A	As per spec no EDTS 139, Rev-E, Sec II.	N/A

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

