



# Modern Coach Factory Raebareli

आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF  
8002/PC

REV NO: 01

DATE: 17.04.2018

## ROLLING STOCK CERTIFICATE

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/19-20/1013

RLY	N	W	R	Coach No.	1	9	6	9	2	5	/	C	DATE OF DISPATCH	3	1	-	1	0	-	1	9
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DISPATCH TO	Sr.DME/C&W/AII	Type	L	W	L	R	R	M	Shell No.	9	8	0	6	4	FUR.NO.	LPC-243
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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: - 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) 1100 (NPPE) 2) 1102 (PPE)

### 6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Under frame	PP END M/s-DTL	02
		NPP END M/s-DTL	02
	Complete	M/s-DTL	02
2.	Lav. side wall	M/s- RAIL TECH KXH	LAV.1 --- LAV.2 ---
		M/s- RAIL TECH KXH	LAV.3 --- LAV.4 ---
3.	Side wall	LH SIDE M/s- JSL HARYANA	04
		RH SIDE M/s- JSL HARYANA	04
4.	End wall	PP END M/s- RAIL TECH KXH	---
		NPP END M/s- RAIL TECH KXH	---
5.	Roof	M/s-MCF/RBL	24
6.	Centre Buffer Coupler	M/s-FRONTIER LTD	PP END 34-P1 NPP END 11-P1
7.	Buffers	M/S- RANEKA INDS.LTD. DHAR	N.A NPP END -

### 7. AIR BRAKE TEST REPORT:

S NO	ITEM	DESCRIPTION	SPEC. VALUE	OBSERVED VALUE
1.	Full brake application	Reduce pressure of BP from 5.0 to 3.4 kg/cm <sup>2</sup> . Max. pressure in BC All Brake are applied	6 - 10 sec. 3.0 ±0.15 kg/cm <sup>2</sup> . OK	08 sec. 3.0 kg/cm <sup>2</sup> OK
2.	Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min.	No brake application	OK
3.	Sensitivity	Exhaust BP@ 0.1kg/cm <sup>2</sup> /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

### 8. FIRE TESTING:

S NO	ITEM	DESCRIPTION	SPEC. VALUE	OBSERVED VALUE
1	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

### 9. 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-VIBGYOR	SUPPLY & APPLY	90/89	22.09.19
2.	Insulation			Satisfactory		

*(Signature)*  
SSE/QC/MCF/RBL

रेलवे विभाग  
रायबरेली (लालगंज)





MODERN COACH FACTORY, RAEBARELI

आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002

REV NO.: 01

DATE: 16.05.2016

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DISPATCH	Sr.DME/C&W/All	Type	L	W	L	R	R	M	Shell No.	9	8	0	6	4	FUR.NO	LPC-243
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#### 9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	191428				191427			
Bogie Type	FIAT				FIAT			
Frame no.	MIPL-34				MCF/RBL-1440			
Bolster no.	AMIT-701				AMIT ENGG- 705			
Axle No	19 R- 3236 RWF		19 R - 7280 RWF		19 R - 7454 RWF		19 R - 6466 RWF	
Wheel Dia	917.442	917.444	917.459	917.381	917.414	917.367	917.468	917.454
Wheel Disc No	TZ 05-19 42800-9PH5	TZ 02-19 28581-9MH7	TZ 02-19 28582-9MH7	TZ 02-19 28583-9MH7	TZ 02-19 28585-9MN9	TZ 02-19 27991-9MJ4	TZ 05-19 48322-9PC8	TZ 02-19 28584-9MH1
R.B. Nos.	07-19 21159	07-19 20761	07-19 20707	07-19 21342	07-19 21086	07-19 22112	07-19 20963	07-19 21338
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.	CMFSK08-19- 5117-066-232	CMGBD07-19- F17-395-20	CMFSK08-19- 5117-066-233	CMGBD07-19- F17-395-92	CMFSK08-19- 7146-050-114	CMFSK06-19-7145- 002734	CMFSK08-19-7146- 050-110	CMFSK06-19- 7145-0027-28
Compressed Ht. at Tested Load	513.5	471	513	471	512.5	463.5	512	465.5
Alignment deviation (mm)	7	26	8	27	10	8	10	7

#### 11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KNORR	16376,16375	16377,17101
2.	Primary outer Spring	CMAFI	04-19 7142(33,34,32,22)	04-19 7142-545(31,29,19,18)
3.	Primary Inner Spring	CMRSK	11-18,04Y (10298,10014,10182,10213)	11-18 04Y (10139,10225,10273,10292)
4.	Primary Damper	KONI	03-19 (07877,07810,06505,06410)	03-19 (08441,06404,06416,06437)
5.	Secondary Damper	KONI	04-19 (03431,05914)	04-19 (05983,05903)
6.	Lateral Damper	IAI	05-2019 250790	05-19 251558
7.	Brake Cylinder	KBI	B(6406,5528,9549,6002)K-29	B6366K29,N8166K35,N8167K35,B6367K29
8.	Brake Caliper	KBI	A(1976,0944,0992,01902)-29	A(1953,3519260012,3519260011,1951)-29
9.	Brake Disc	FAV	06-19(6304,6305,6093,6092)D133561-300	06-19(6299,9298,6303,6302)D133561-300
10.	Ball Joint Control Arm	AR		
11.	Lateral Bump Stop	GMT		
12.	Traction Centre make	SARITA		
13.	Traction lever make	SARITA		
14.	Ball joint traction lever	GMT		
15.	Ball joint traction centre	GMT		
16.	Secondary Rubber Pad	PPI		
17.	Rubber Spring	AR		
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA/GMT,		
20.	Fork make	EMSON		
21.	Control Arm Upper	RVE	250719-2,280619-1,250719-2,280619-2	300719-2,310719-1,300719-2,290719-2
22.	Control Arm Lower	RVE	220619-2,280619-1,100619-2,100619-2	280619-2,100619-1,RVE,220619-2
23.	Phonic Wheel	FAV	FT/KEP-316	FT/KEP-316

Signature of SSE/Bogie/QC





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### 13. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S- KBI, FARIDABAD	0266 17/14
2.	Distribution Valve	M/S- KBI, FARIDABAD	2019 D7598
3.	Hand Brake Equipment	M/S-VAANI PRECISION INDS,BARWAIA	
4.	Foot Step	M/S- SUPER SPARK PVT.LTD. FARIDABAD	
5.	Floor Board	M/s- TWPL, MUMBAI	
6.	PVC	M/S- RESPONSIV POLYFILM, GZB	
7.	UIC Vestibule (NPPE)	M/S-SUNCREST IND.KOLKATA	
8.	Gangway Bridge Mounting (NPPE)	M/S- RAKESH IRON & STEAL WORKS	
9.	AL. Chequer Plate/Sheet	M/S- RAILTECH, KXH	
10.	Automatic Fire Detection & Suppression System	M/S- SANROK ENT. FARIDABAD	
11.	Body Side Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
12.	Lavatory/Hopper Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
13.	Roof Ceiling	M/s-GANDHI SAFE & ALLIED INDS,JALNDHAR	
14.	Generator Room Ceiling	M/S- GAURAV ASSOCIAT, NDLS	
15.	RMPU	M/s-AMIT ENG PVT LTD	
16.	AC Trough	M/S- CMT MECHANISED SYSTEM PVT.LTD.,VADODARA	
17.	Luggage Sliding Door	M/s- GURU NANAK IND. RAJPURA	
18.	Hatch Door	M/S- RAILTECH, KXH	
19.	Body Side Doors	M/S- SUKATA INDS, CDG	
20.	Vestibule Door(NPPE)	M/S- HANSPAL TRADERS, KXH	
21.	Crew/Gen. Room Door	M/S- JBM INDUSTRIES, FARIDABAD	
22.	Crew/Guard Room Door	M/S- JBM INDUSTRIES, FARIDABAD	
23.	Bio Tank (01 No Lav.)	M/S RAIL FAB. KAPURTHALA	
24.	Auxiliary Water Tank(1x30l)	M/S- AMIT ENGG. MOHALI	
25.	Under Slung Water Tank (1x450 L)	M/S-AMIT ENGG BADDI	
26.	Fuel Tank (2x1500 L)	M/s- P.D.STEEL PANCHKULA	
27.	Health Faucet	M/S- HINDUSTAN FIBRE GLASS WORKS, VADODARA	
28.	Lotah Filler Tap	M/S- HINDUSTAN FIBRE GLASS WORKS, VADODARA	
29.	Bib Cock	M/s- EAU BATHING SOLUTION PVT LTD GURGAON	
30.	Lavatory Doors	M/S- KALSI IND. LUDHIYANA	
31.	Seat & Berth	M/S- AMIRCHAND JALANDHAR	
32.	Luggage Rack	M/S- RAIL TECH KXH	
33.	Folding Table	M/S-RAIL EXPERT, JALANDHAR	
34.	RFID	M/s-TECH SOLUTION GURGAON	Sr.-106573-106579

SSE/QC/MCF/RBL  
वरिष्ठ अनुसंधान अधिकारी

उप-निर्देश विभाग  
रेडिओ कार्ड (रिपोर्टिंग)





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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

## 17. WARRANTY:

S NO	COMPONENTS	WARRANTY
1	Brake Pad, wheels, flushing valves, push gravity cocks, moldings, window glasses, mirrors, 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.

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

वरिष्ठ अनुसंधान विभाग  
गुणवत्ता विभाग  
70डि०का०, रायबरेली (उत्तरप्रदेश)

सहायक यांत्रिक अभियन्ता/गुणवत्ता-1  
Assistant Mechanical Engineer / Quality-1  
आधुनिक रेल डिब्बा कारखाना, रायबरेली  
Modern Coach Factory, Raebareli

उप मुख्य गुणवत्ता प्रबन्धक/शेल  
Dy. Chief Quality Manager/Shell  
आधुनिक रेल डिब्बा कारखाना, रायबरेली  
Modern Coach Factory, Raebareli





Modern Coach Factory Raebareli  
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

DATE:11.09.2017

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**FOR ELECTRICAL ITEMS**

ROLLING STOCK CERTIFICATE OF LHB POWER CAR

ELECTRICAL TEST CERTIFICATE FOR LHB POWER CAR

TYPE COACH		LWRRM		SHELL/COACH NO		196925/C	
RAILWAY		NWR		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			14.35 Cub mtr/min			OK
3.2	Return Air			30.40 Cub mtr/min			OK
3.3	Exhaust Air			NIL Cub mtr/min			OK
3.4	Conditioned Air			61.53 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 : 22.1 °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 OVER	OK
10.0	LIGHT	OK
11.0	PUBLIC ADDRESSING SYSTEM ( PAS )	OK
12.0	WHEEL SLIDE PROTECTION SYSTEM ( WSP )	OK
13.0	WORKING OF 60KVA TRANSFORMERS	OK
15.0	WORKING OF EMERGENCY BATTERY CHARGERS	OK
16.0	SAFETIES :	
16.1	THERMOSTAT :	OK
16.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
16.3	HYGROSTAT	OK
16.4	CONTROL CIRCUIT	OK
16.5	POWER CIRCUIT	OK
16.6	ALTERNATER EARTH LEAKAGE RELAY	OK
16.7	FEEDER EARTH LEAKAGE RELAY	OK
16.8	UNDER VOLTAGE RELAY	OK
16.9	OVER VOLTAGE RELAY	OK
16.10	BUS COUPLAR	OK
16.11	FEEDER CONTACTOR	OK
16.12	SMOKE TEST	OK
17.0	REFRIGERANT USED	OK

R 407C

Senior Section Engineer  
Quality control / Electrical  
Modern Coach Factory Raebareli







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Sr no	Description	Drg/Spec no.	Quantity per Coach
01.	Roof mounted AC package unit for LHB AC coaches Make : <b>AMIT ENGG.</b> Sr no of RMPU (PP side): <b>3850 H</b> Sr no of Microprocessor: <b>AE 19.08.662</b>	RDSO/pe/spes/ac/0061/rev-1/2005	<b>01</b>
02.	Power and Control Panel for LHB Power car, Make: <b>ISG</b> Sr no : <b>PCP-MCF-19-08-0045</b>	RDSO/PE/SPEC/AC/0184-2015 REV-0	<b>01</b>
04.	Switch board cabinet Make : <b>AMIT ENGG.</b> Sr no : <b>AE/SB-665-11/2018</b>	EDTS 104, REV-a	<b>01</b>
05.	Pump equipment with PLC controller & pump box Make: <b>DR AUTO</b> Sr no PA- <b>2019/09/052</b> Sr no.1- <b>19090079</b> Sr no.2- <b>19090190</b> Sr no.CPA- <b>2019/10/091</b>	EDTS 186,Rev-a, Am- 2	<b>01</b>
06.	Lavatory light fitting assly Make : <b>DR AUTO</b>	LW 76001,Alt nil	<b>01</b>
07.	Passenger alarm coach indication light Make : <b>DR AUTO</b>	LW 76005,Alt-e	<b>02</b>
08.	Razor socket for WC 110/240V Make : <b>SSK</b>	EDML 047 ,Rev nil	<b>01</b>
09.	Terminal strip Make : <b>WAGO</b>	EDML 034,Rev-a	<b>01</b>
10.	Terminal connector Make : <b>WAGO</b>	EDML 037,Rev`a`	<b>01</b>
11.	Single switch 06A/250V/AC ONE WAY ,complete with steel plate & cover frame	EDML 047,Rev- C, Item 1.	<b>02</b>
12.	PA system for LHB coaches Make : <b>AHUJA</b>	EDTS 173,TYPE -II	<b>01 set</b>
13.	70AH/110V,54 Cells,02V each ,maintenance free pure lead acid tin monoblock ,battery set with 09 modules 12V each. , factory pre charged. Make : <b>AMARA RAJA</b> Lug date : <b>06/19</b>	EDTS 129,Rev nil	<b>01 set</b>

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## ROLLING STOCK CERTIFICATE OF LHB/POWER CAR

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Sr no	Description	Drg/Spec no.	Quantity per Coach
14.	SET OF BATTERY FOR DA (A & B) (A) Make: <b>MICROTEX</b> Lug date: <b>08/19</b> (B) Make: <b>MICROTEX</b> Lug date: <b>08/19</b>		<b>02 sets</b>
15.	Battery box for LHB coaches. MAKE- <b>HITECH</b>	1 10113.0.76.700.005 w/o item 5,22,23,26 & 27.ALT C	<b>01</b>
16.	Battery fuse box +ve Make : <b>INDORAIL</b>	LW 71001,Alt-F	<b>01</b>
17.	Battery fuse box -ve Make : <b>REAI</b>	LW 71002,Alt-F	<b>01</b>
18.	60KVA TFR Make- <b>VIMAL</b> Sr no:1. <b>VTC-R-3089-LHB-1857</b> Make- <b>VIMAL</b> Sr no:2. <b>VTC-R-3089-LHB-1871</b> Make- <b>VIMAL</b> Sr no:3. <b>VTC-R-3089-LHB-1845</b>	EDTS 076, Rev-0. 1.for panel 2.for Rad. Motor A 3.for Rad. Motor B	<b>03</b>
19.	Capacitor Bank Make: <b>ISG</b> SL.no. <b>CB-MCF-19-07-0123</b>	EDML-130 Rev-1,Corr-1	<b>01</b>
20.	Emergency Battery Charger Make- <b>BHASIN</b> Sr no:1. <b>08198978</b> Make- <b>BHASIN</b> Sr no:2. <b>08198991</b>	EDTS-163 REV-C, corg-2&3	<b>02</b>
21.	Wheel set earthing equipment. Make : <b>DARSHAN ENTERPRISES</b>	EDTS101,REV-C,AM-1	<b>02</b>
22.	Wheel Slide Protection System (WSP) Make- <b>KNORR</b> Sr no : <b>0119060996</b>	MDTS 077 REV-2	<b>01 set</b>
23.	500KVA/750V/03Ph DIESEL ALTERNATOR set, complete with Power & Control panel.	EDTS 102, Rev`c'	<b>02</b>
23.a1	Sr no of Alternator "A" Make- <b>GREAVES</b> Sr No- <b>3309121908965</b>	EDTS 102, Rev`c'	<b>01</b>
23.a2	Sr no of Diesel Engine "A" Make- <b>GREAVES</b> Sr no- <b>1309121908965</b>	EDTS 102, Rev`c'	<b>01</b>

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आधुनिक रेल डिब्बा कारखाना, रायबरेली

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Sr no	Description	Drg/Spec no.	Quantity per Coach
23.b 1	Sr no of Alternator "B" Make- <b>GREAVES</b> Sr No- <b>3309121908964</b>	EDTS 102, Rev`c'	<b>01</b>
23.b 2	Sr no of Diesel Engine "B" Make- <b>GREAVES</b> Sr no : <b>1309121908964</b>	EDTS 102,	<b>01</b>
24.	Control Panel for ventilator Fan motor for Diesel Engine "A" Make- <b>BHASIN</b> Sr no- <b>07194300/2</b>	EDTS 110,REV-NIL	<b>01</b>
25.	Ventilator Fan Motor for Diesel Engine "A" 1.Make: <b>GREAVES</b> Sl no: <b>IVI 22548</b> 2.Make: <b>GREAVES</b> Sl no: <b>RKBM 22725</b>	EDTS 110,Rev nil	<b>01</b>
26.	Radiator Fan Motor for Diesel Engine -"A" Make: <b>GREAVES</b> SL no: <b>SGGM 48513</b>	EDTS 104, Rev`a'	<b>01</b>
27.	Control Panel for Radiator Fan motor for Diesel Engine "A" Make- <b>BHASIN</b> Sr no- <b>09191093/2</b>	EDTS-104,REV-A	<b>01</b>
28.	Ventilator Fan Motor for Diesel Engine "B" 1.Make: <b>GREAVES</b> Sl no: <b>RKBM 22706</b> 2.Sl no: <b>IVI 22601</b>	EDTS 110,Rev nil	<b>01</b>
29.	Control Panel for ventilator Fan motor for Diesel Engine "B" Make- <b>BHASIN</b> Sr no- <b>07194300/1</b>	EDTS 110,REV-NIL	<b>01</b>

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Sr no	Description	Drg/Spec no.	Quantity per Coach
30.	Radiator Fan Motor for Diesel Engine -"B" Make: <b>GREAVES</b> Sr no- <b>SHGM 48506</b>	EDTS 104, Rev`a'	<b>01</b>
31.	Control Panel for Radiator Fan motor for Diesel Engine "B" Make- <b>BHASIN</b> Sr no- <b>09191093/1</b>	EDTS-104,REV-A	<b>01</b>
32..	Starter Battery Charging Control Panel -A & B Make : <b>ABROL</b> Sr no: <b>2019-04-24</b>	EDTS 116,Rev nil	<b>01</b>
33.	Feeder Junction box. Make: <b>NEC</b>	EDML 020, Rev`a'.	<b>01 set</b>
34.	Single Inlet Radial Blower, 415V/03Ph/185W/ 1045Cub mtr/hr discharge from S1 & S2 & Lavatory. Make- <b>INTEG</b>	EDTS-331, TYPE-2	<b>01</b>
35.	Lights Make : <b>RT VISION</b>	RDSO/PE/SPEC/TL/0091-2016, REV-01, TYPE-N & LW 76099	<b>20</b>
36.	Smoke Detector Unit. Make: <b>INTEG</b> Sr no: <b>201905112</b>	EDTS 087,Rev`a',Type II	<b>01</b>
37.	Provision of Tail light switch 2P/16A/ SG16, mounted in ABC plastic enclosure with round padlock, 90DEG, ON/OFF. Make: <b>SSK</b>	As per Cat no. SG 16	<b>02</b>
38.	ZS coupling 400A , 750V ,03Ph,50Hz. Make 1.(NPP): <b>S.INTERNATIONAL</b> 2.(PP): <b>S.INTERNATIONAL</b>	EDTS 105, Rev`c'.	<b>01 set</b>
39.	Connector for External supply socket. Make: <b>JAI BALAJI</b>	EDML 013, Rev nil.	<b>02</b>

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

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

