



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/19-20/771

RLY	N	W	R	Coach No.	1	9	6	4	6	3	/	C	DATE OF DISPATCH	2	1	-	0	9	-	1	9
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DISPATCH TO	Sr.DME/C&W/JP	Type	L	W	L	R	R	M	Shell No.	9	8	0	4	3	FUR.NO.	LPC-223
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1. Railway Board's Order No. : 2019/M(C)/142/2 Dated: - 03-06-2019
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: 1- 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) 1105 (NPPE) 2) 1105 (PPE)

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Under frame	PP END M/S- B.E.C.L.	15
	Complete	M/S- B.E.C.L.	15
2.	Lav. side wall	M/S-DTL PUNE	15
		M/S-DTL PUNE	LAV.1 --- LAV.2 ---
3.	Side wall	LH SIDE M/S-DTL PUNE	LAV.3 --- LAV.4 ---
		RH SIDE M/S-DTL PUNE	19/DTL
4.	End wall	PP END M/S-SIS	19/DTL
		NPP END M/S-SIS	---
5.	Roof	M/s-MCF	---
6.	Centre Buffer Coupler	M/S-SANROK	04
7.	Buffers	M/S- RANEKA INDS.LTD. DHAR	PP END T-1498 NPP END T-1514
		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 ² . Max. pressure in BC All Brake are applied	6 - 10 sec. 3.0 ±0.15 kg/cm ² . OK	07 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@ 0.1kg/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

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	90/90	13.07.19
2.	Insulation			Satisfactory		

वरिष्ठ अभियंता
SSE/QC/MCF/RBL

रायबरेली (मालगंज)



MCF/RBL



MODERN COACH FACTORY, RAEBARELI

आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002

REV NO.: 01

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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	195004				195003			
Bogie Type	FIAT				FIAT			
Frame no.	VS-1949				FIAT			
Bolster no.	VS-645				ECBT-990			
Axle No	19 P- 7393 RWF		19 P - 7173 RWF		19 P- 6755 RWF		19 P - 9452 RWF	
Wheel Dia	917.532	917.463	917.569	917.448	917.541	917.496	917.529	917.381
Wheel Disc No	TZ 05-19 48667-9PE9	TZ 05-19 48666-9PE9	TZ 02-19 22486-9MM4	TZ 02-19 22481-9MM4	TZ 05-19 45560-9OJ5	TZ 05-19 47562-9OJ5	TZ 05-19 45557-9OJ5	TZ 05-19 22480-9MM4
R.B. Nos.	09-18-25204	09-18-29826	09-18-25188	09-18-26069	09-18-25193	09-18-26446	09-18-25100	09-18-26451
CT R B Make	SKF		SKF		SKF		SKF	

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.	CMFSK04-19- 8835-550-84	CMGBD07-19- F17-395-46	CMFSK04-19- 8835-500-76	CMGBD07-19- F17-395-47	CMFSK06-19- 7148-850-6	CMFSK04-19-5120- 563-11	CMFSK06-19- 7148-250-4	CMFSK04-19- 5120-563-8
Compressed Ht. at Tested Load	511	470	511	471	508.5	463.5	463.5	463.5
Alignment deviation (mm)	12	24	12	22	8	9	9	9

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KNORR	14623,12264	13738,14611
2.	Primary outer Spring	CMFSK	02-18 7142-509(76,107,109,124)	12-18 7142-509(125,79,130,123)
3.	Primary Inner Spring	CMFSK	05-19 7143-559(870,460,968,412)	05-19 7143-559(1102,403,997,377)
4.	Primary Damper	KONI	03-19 (02240,06939,02353,03975)	03-19 (02317,05708,04422,05335)
5.	Secondary Damper	IAI	01-19 (238045,238112)	01-19 (238232,238050)
6.	Lateral Damper	IAI	02-19 241357	02-19 241357
7.	Brake Cylinder	KBI	B(6618,5553,5557,6615)K-29	B(6614, 6617)K-29,(3519270054,3519270029,)
8.	Brake Caliper	KBI	B(2077,1066,1065,2069)K-29	B(2067, 2068)K-29,(3519280043,3519280045,)
9.	Brake Disc	KBI	24173130 0053-09/19,24173130 0070-09/19 24173129 0058-09/19,24173130 0074-09/19	24172294,0065-04/19,24172300 0045-04/19 24173129 0080-09/19,24173130 0075-09/19
10.	Ball Joint Control Arm	AR		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	SARITA		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	SGA		
15.	Ball joint traction centre	ARYAN		
16.	Secondary Rubber Pad	PPI		
17.	Rubber Spring	PPI		
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA/AR, SARITA/BASANT		
20.	Fork make	EMSON		
21.	Control Arm Upper	CC	19E171B,19A74,19E119,19A185	19E178,19E31,19E16,19A194C
22.	Control Arm Lower	CC	213,195,110,23	138,192,18,10
23.	Phonic Wheel	KNORR	K-06-19	K-06-19

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13. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S- KBI, FARIDABAD	0287-29/19
2.	Distribution Valve	M/S- KBI, FARIDABAD	2019 E 7854
3.	Hand Brake Equipment	M/S-PLASTO POWER SAINGAR PANJAB	
4.	Foot Step	M/S- SUPER SPARK PVT.LTD. FARIDABAD	
5.	Floor Board	M/s- ORIENTAL PVT.LTD. MUMBAI	
6.	PVC	M/S- RESPONSIV POLYFILM, GZB	
7.	UIC Vestibule (NPPE)	M/S-KIRAN RUBBER PRODUCT, PUNE	
8.	Gangway Bridge Mounting (NPPE)	M/S- COMPETANT ENG. JUC	
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. JALANDHAR	
14.	Generator Room Ceiling	M/S- GAURAV ASSOCIATES NDLS	
15.	RMPU	M/S- LLY PVT LTD	
16.	AC Trough	M/S- C.M.T. VADODARA	
17.	Luggage Sliding Door	M/s- GURU NANAK IND. PVT.LTD. PB	
18.	Hatch Door	M/s- LOCOMOTIVE KXH	
19.	Body Side Doors	M/S- SUKATA TRACTOR PARTS PVT.LTD. CDG	
20.	Vestibule Door(NPPE)	M/S -KALSI AUTOMATIC DOOR SYSTEM LTD.LDH	
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- P.D. STEEL	
24.	Auxiliary Water Tank(1x30L)	M/S- AMIT ENGG. MOHALI	
25.	Under Slung Water Tank (1x450 L)	M/S- JSL LIFE STYLE LTD. BAHADURGARH	
26.	Fuel Tank (2x1500 L)	M/S- P.D. STEEL	
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- AGMECO (P) LTD. UK	
30.	Lavatory Doors	M/S-KALSI LUDHIYANA	
31.	Seat & Berth	M/S- AMIRCHAND JALANDHAR	
32.	Luggage Rack	M/S- RAIL FAB, KXH	
33.	Folding Table	M/S-RAIL EXPORT, JALANDHAR	
34.	RFID	M/s- TECH SOLUTION PVT LTD	

Sr.-106124-106125

वरिष्ठ अभियंता
SSE/QC/MCF/RBL
रेल डिब्बा कारखाना, रायबरेली (सालांज)





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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 गुणवत्ता विभाग र०डि०का०, रायबरेली (लालगंज)	 SME/QC/MCF/RBL वरिष्ठ यांत्रिक अभियन्ता/गुणवत्ता Senior Mechanical Engineer/Quality आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory Raebareli	 Dy.COM/MCF/RBL जोगिन्दर सिंह Dy. Chief Quality Manager आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory, Raebareli
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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 POWER CAR

ELECTRICAL TEST CERTIFICATE FOR LHB POWER CAR

ROLLING STOCK CERTIFICATE OF LHB POWER CAR			
ELECTRICAL TEST CERTIFICATE FOR LHB POWER CAR			
TYPE COACH		LWRRM	SHELL/COACH NO
RAILWAY		NWR	196463/C
		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	14.58 Cub mtr/min	OK
3.2	Return Air	27.50 Cub mtr/min	OK
3.3	Exhaust Air	NIL Cub mtr/min	OK
3.4	Conditioned Air	57.57 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 :21.9°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
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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 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 : DAULAT RAM Sr no of RMPU (PP side): 19C/RMPU/05/122 Sr no of Microprocessor: SA 19.04.586-SYSTEM	RDSO/pe/spes/ac/0061/rev-1/2005	01
02.	Power and Control Panel for LHB Power car, Make: ABROL Sr no : 12A-04/2019	EDTS-103 ,REV-c	01
04.	Switch board cabinet Make : AMIT ENGG. Sr no : AE/SB-634	EDTS 104, REV-a	01
05.	Pump equipment with PLC controller & pump box Make: DR AUTO Sr no PA- 2019/08/013 Sr no.1- 19060474 Sr no.2- 19060495 Sr no.CPA- NIL-DR AUTO	EDTS 186,Rev-a, Am- 2	01
06.	Lavatory light fitting assly Make : RT VISION	LW 76001,Alt nil	01
07.	Passenger alarm coach indication light Make : DR AUTO	LW 76005,Alt-e	02
08.	Razor socket for WC 110/240V Make : SSK	EDML 047 ,Rev nil	01
09.	Terminal strip Make : WAGO	EDML 034,Rev-a	01
10.	Terminal connector Make : WAGO	EDML 037,Rev`a`	01
11.	Single switch 06A/250V/AC ONE WAY ,complete with steel plate & cover frame	EDML 047,Rev- C, Item 1.	02
12.	PA system for LHB coaches Make : AHUJA	EDTS 173,TYPE -II	01 set
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 : AMARA RAJA Lug date : 01/18	EDTS 129,Rev nil	01 set

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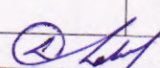
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ROLLING STOCK CERTIFICATE OF LHB/POWER CAR

Sr no	Description	Drg/Spec no.	Quantity per Coach
14.	SET OF BATTERY FOR DA (A & B) (A) Make: CELTEK Lug date: 06/19 (B) Make: CELTEK Lug date: 05/19		02 sets
15.	Battery box for LHB coaches. MAKE- HITECH	1 10113.0.76.700.005 w/o item 5,22 ,23 ,26 & 27.ALT C	01
16.	Battery fuse box +ve Make : ABROL	LW 71001,Alt-F	01
17.	Battery fuse box -ve Make : RADIANT	LW 71002,Alt-F	01
18.	60KVA TFR Make- VIMAL Sr no:2. VTC-R-3089-LHB-1490 Make- VIMAL Sr no:1. VTC-R-3089-LHB-1471 Make- VIMAL Sr no:1. VTC-R-3089-LHB-1470	EDTS 076, Rev-0. 1.for panel 2.for Rad. Motor A 3.for Rad. Motor B	03
19.	Capacitor Bank Make: ISG SL.no. CB-MCF-19-07-0157	EDML-130 Rev-1,Corr-1	01
20.	Emergency Battery Charger Make- M.B & COMPANY Sr no:1. 201907265 Make- M.B & COMPANY Sr no:2. 201907338	EDTS-163 REV-C, corg-2&3	02
21.	Wheel set earthing equipment. Make : PRIME ELECT.	EDTS101,REV-C,AM-1	02
22.	Wheel Slide Protection System (WSP) Make- KNORR Sr no : 0119121567	MDTS 077 REV-2	01 set
23.	500KVA/750V/03Ph DIESEL ALTERNATOR set, complete with Power & Control panel.	EDTS 102, Rev`c'	02
23.a1	Sr no of Alternator "A" Make- STAMFORD Sr No- N19G 304662	EDTS 102, Rev`c'	01
23.a2	Sr no of Diesel Engine "A" Make- CUMMINS Sr no- 25448827	EDTS 102, Rev`c'	01


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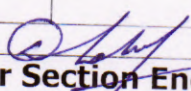
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ROLLING STOCK CERTIFICATE OF LHB/POWER CAR

Sr no	Description	Drg/Spec no.	Quantity per Coach
23.b 1	Sr no of Alternator "B" Make- STAMFORD Sr No- N19G 304511	EDTS 102, Rev`c'	01
23.b 2	Sr no of Diesel Engine "B" Make- COMMINS Sr no : 25448806	EDTS 102,	01
24.	Control Panel for ventilator Fan motor for Diesel Engine "A" Make- BHASIN Sr no- 04192647/1	EDTS 110,REV-NIL	01
25.	Ventilator Fan Motor for Diesel Engine "A" 1.Make: ABB Sl no: 1703486 2.Make: ABB Sl no: 1703472	EDTS 110,Rev nil	01
26.	Radiator Fan Motor for Diesel Engine -"A" Make: ABB SL no: 3GIJ19090001689953	EDTS 104, Rev`a'	01
27.	Control Panel for Radiator Fan motor for Diesel Engine "A" Make- ISG Sr no- CPRF-MCF-19-07-0010	EDTS-104,REV-A	01
28.	Ventilator Fan Motor for Diesel Engine "B" 1.Make: ABB Sl no: 1700071 2.Sl no: 1703439	EDTS 110,Rev nil	01
29.	Control Panel for ventilator Fan motor for Diesel Engine "B" Make- BHASIN Sr no- 04192647/2	EDTS 110,REV-NIL	01


Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



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आधुनिक रेल डिब्बा कारखाना, रायबरेली

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DATE: 11.09.2017

ROLLING STOCK CERTIFICATE OF LHB/POWER CAR

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Sr no	Description	Drg/Spec no.	Quantity per Coach
30.	Radiator Fan Motor for Diesel Engine -"B" Make: ABB Sr no- 3GIJ19110001898900	EDTS 104, Rev`a'	01
31.	Control Panel for Radiator Fan motor for Diesel Engine "B" Make- ISG Sr no- CPVF-MCF-19-07-0010	EDTS-104,REV-A	01
32..	Starter Battery Charging Control Panel -A & B Make : WAVES Sr no: NIL	EDTS 116,Rev nil	01
33.	Feeder Junction box. Make: ISG	EDML 020, Rev`a'.	01 set
34.	Single Inlet Radial Blower, 415V/03Ph/185W/ 1045Cub mtr/hr discharge from S1 & S2 & Lavatory. Make- INTEG	EDTS-331, TYPE-2	01
35.	Lights Make : RT VISION	RDSO/PE/SPEC/TL/0091-2016, REV-01, TYPE-N & LW 76099	20
36.	Smoke Detector Unit. Make: INTEG Sr no: 201905111	EDTS 087,Rev`a',Type II	01
37.	Provision of Tail light switch 2P/16A/ SG16, mounted in ABC plastic enclosure with round padlock, 90DEG, ON/OFF. Make: SSK	As per Cat no. SG 16	02
38.	ZS coupling 400A , 750V ,03Ph,50Hz. Make 1.(NPP): MAA LAXMI INDUSTRIES 2.(PP): MAA LAXMI INDUSTRIES	EDTS 105, Rev`c'.	01 set
39.	Connector for External supply socket. Make: JAI BALAJI	EDML 013, Rev nil.	02

SSE/EL/QC

वरिष्ठ अनुभाग अभियन्ता

गुणवत्ता नियंत्रण

आपरेटिंग/लालगंज/रायबरेली

S.S.E./Elect-QC/M.C.F./LJ/RBL

AWM(ELECT.)/MCF/RBL

SEE(P)/MCF/RBL

वरिष्ठ विद्युत अभियन्ता

रेल कोच फैक्टरी, रायबरेली, लखनऊ

Sr. Electrical Engineer / RCF / RBL / Lucknow