



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/18-19/1391

RLY	N	W	R	Coach No.	1	9	2	2	1	8	/	C	DATE OF DISPATCH	2	6	-	0	3	-	1	9
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DISPATCH TO	Sr.DME(C&W) /JP	Type	L	W	L	R	R	M	Shell No.	8	8	1	1	6	-	2	0	1	8	-	1	9
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1. Railway Board's Order No. : 2018/M(C)/142/2 Dated: - 14-09-2018
2. Tare Weight of Coach : 53.2 Tones
3. Carrying Capacity : (a) Seating: NIL (b) Sleeping: NIL (c) Luggage: 3.9 tones

4. 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) 1101 (PPE)

5. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Under frame	PP END M/S-OMAX AUTOS LTD.	23
	Front Part	NPP END M/S-OMAX AUTOS LTD.	23
	Complete	M/S-OMAX AUTOS LTD.	23
2.	Lav. side wall	M/s- RAIL FAB, KXH	LAV.1 --- LAV.2 ---
		M/s- RAIL FAB, KXH	LAV.3 --- LAV.4 ---
3.	Side wall	LH SIDE MCF/RBL	119/01
	RH SIDE	MCF/RBL	119/02
4.	End wall	PP END M/s- RAIL TECH, KXH	---
	NPP END	M/s- RAIL TECH, KXH	---
5.	Roof	M/s- TI	40
6.	Centre Buffer Coupler	M/S- SANROK, FARIDABAD	PP END T1300 NPP END T1301
7.	Buffers	M/S- RANKEA INDS.LTD. DHAR	N.A NPP END 88116

6. 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

7. 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

8. PAINTING DETAILS:

S NO	DESCRIPTION	TYPE OF PAINT	MAKE	APPLICATION BY MCF/ CONTRACTOR(SUPPLY & APPLY) SUPPLY & APPLY	AVERAGE GLOSS VALUE
1.	Paint	P.U	M/S-VIBGYOR	Satisfactory	90/89
2.	Insulation				

SSS/QC/MCF/RBL

गुणवत्ता विभाग
रेडि०का०, 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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Coach No.	1	9	2	2	1	8	/	C	DATE OF DISPATCH	2	6	.	0	3	.	1	9							
RLY	N	W	-	-	Type	L	W	L	R	R	M	Shell No.	8	8	1	1	6	-	-	-	-	-	-	-

8. DETAIL OF BOGIES :

ITEMS	NPP Side				PP Side			
Bogie No	183030				183029			
Bogie Type	FIAT				FIAT			
Frame no.	MCF/RBL-1663				AML-116			
Bolster no.	MCF/RBL-2032				MCF/RBL-2039			
Axle No	18 J- 8515 RWF		18 J- 1036 RWF		18 J- 8898 RWF		18 J- 2030 RWF	
Wheel Dia	917.626	917.674	917.625	917.673	917.677	917.778	917.618	917.664
Wheel Disc No	TZ 05-18 17550-8MV1	TZ 04-18 12210-8MX2	TZ 03-18 08332-8MX9	TZ 03-18 09449-8MS1	TZ 07-18 21331-7RK6	TZ 04-18 13185-8MS9	TZ 04-18 13838-8MT6	TZ 03-18 09502-8MS6
R.B. Nos.	05-18 19830	08-18 20340	08-18 19783	08-18 20636	07-18 17271	07-18 16805	08-18 18854	07-18 18174
CT R B Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	

9. 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.	CMAFJ11-18- L001-8836-74	CMRSK01-18-F17- R92-17Y-1090	CMAFJ08-18- L001-8836-79	CMRSK08-18- F17-R92-19Y-196	CMGBD05-18- 146-54-15	CMRSK07-18-F15- N99-15Y-149	CMGBD05-18-146- 54-36	CMRSK07-18-F15- N99-15Y-36
Compressed Ht. at Tested Load	515	467	515	466	512	468	512	468
Alignment deviation (mm)	10	39	10	30	10	29	11	31

10. TRACEABILITY OF BOGIE ITEMS:

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	239017,239339	239364,239403
2.	Primary outer Spring	CMRSK	08-18 05Y-(63,125,293,112)	08-18 05Y-(77,474,729,199)
3.	Primary Inner Spring	CMGBD	10-18 04Y(7709,7331,8210,8211)	11-18 04Y(8224,8073,4551,7961)
4.	Primary Damper	IAI	01-19 (236252,236731,236864,236086)	01-19 (236708,236950,236144,236138)
5.	Secondary Damper	KNORR	12-18(13588,13162)	12-18(13170,13610)
6.	Lateral Damper	IAI	02-19 241317	02-19 241372
7.	Brake Cylinder	KBI	B(2249,1086,1682,2283)K-29	B(2282,0788,0820,2284)K-29
8.	Brake Caliper	KBI	A(1609,0808,0814,1600)-29	A(1611,3654,3846,1599)-29
9.	Brake Disc	KBI	24172299 0028-04/19,24172299 0029-04/19 24172309 0039-05/19,24172309 0038-05/19	24172284 0036-01/19,24172292 0030-03/19 24172399 0003-04/19,24172299 0030-04/19
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	SARITA		
13.	Traction lever make	JI		
14.	Ball joint traction lever	MGN		
15.	Ball joint traction centre	GMT		
16.	Secondary Rubber Pad	PRAG		
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	211118-1,081218-1,051218-3,211118-1	151218-5,121218-1,251218-5,151118-1
22.	Control Arm Lower	RVE	291218-4,RVE,071218-1,191118-4	201118-1,050119-2,191118-2,051218-2
23.	Phonic wheel.	KNORR	K-02-19	K-02-19

Signature of SSE/Bogie/QC



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DISPATCH TO	Sr.DME(C&W) /JP	Type	L	W	L	R	R	M	Shell No.	8	8	1	1	6	-	2	0	1	8	-	1	9
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12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S-KBI FARIDABAD	0190 02/19
2.	Distribution Valve	M/S-KBI FARIDABAD	2019 A 6515
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- ORIENTAL, MUMBAI	
6.	PVC	M/S- RESPONSIV POLYFILM, GZB	
7.	UIC Vestibule (NPPE)	M/S-SUNCREST IND.KOLKATA	
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, FARIDABAD	
11.	Body Side Window	M/S- BIRCON ENG. GZB	
12.	Lavatory/Hopper Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
13.	Roof Ceiling	M/S - RAIL EXPART, JUC	
14.	Generator Room Ceiling	M/S- GAURAV ASSOCIATS	
15.	RMPU	M/S- AMIT ENGG.CDG	
16.	AC Trough	M/S- GEE PEE INDS. LTD.	
17.	Luggage Sliding Door	M/s- GURU NANAK IND. PVT.LTD. PB	
18.	Hatch Door	M/s- RAIL TECH PVT.LTD. KXH	
19.	Body Side Doors	M/S- JVR INDUSTRIES ,LDH	
20.	Vestibule Door(NPPE)	M/S- KALSI, 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- RAIL FAB, KXH	
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- GAURAV ASSOCIATE, NEWDELHI	
27.	Flexible 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 INDIA LTD. U.K.	
30.	Modular Toilet	M/S- HINDUSTAN FIBRE GLASS WORKS, VADODARA	
31.	Lavatory Doors	M/S- KALSI, LDH	
32.	Seat & Berth	M/S- GANDHI SAFE & ALIED JUC.	
33.	Luggage Rack	M/S- JBM INDUSTRIES, FARIDABAD	
34.	Folding Table	M/S- AMIRCHAND ENGG.WORKS, JALANDHAR	

R. Sharma
SSE/QC/MCF/RBL

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रेडि0का0, रायबरेली (लालगंज)



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DISPATCH TO	Sr.DME(C&W) /IP	Type	L	W	L	R	R	M	Shell No.	8	8	1	1	6	-	2	0	1	8	-	1	9
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13. MODIFICATION (IF ANY) : NIL

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, 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 रेडिओका 0, रायबरेली (लालगंज)	SME/QC/MCF/RBL सहायक यांत्रिक अभियन्ता/गुणवत्ता-1 Assistant Mechanical Engineer / Quality-1 आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory, Raebareli	Dy.COM/MCF/RBL जोगिन्दर सिंह उप मुख्य गुणवत्ता प्रबन्धक Dy. Chief Quality Manager आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern C



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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REV NO: 00

DATE: 11.09.2017

LPC-158

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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	192218/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	14.58 Cub mtr/min		OK
3.2	Return Air	27.63 Cub mtr/min		OK
3.3	Exhaust Air	NIL Cub mtr/min		OK
3.4	Conditioned Air	57.21 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			OK
	Not done due to Ambient temp. below 22°C			
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.			OK
	Not done due to Ambient temp. below 22°C			

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	
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	

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ROLLING STOCK CERTIFICATE OF LHB/ POWER CAR

Sr no	Description	Drg/Spec no.	Quantity per Coach
01.	Roof mounted AC package unit for LHB AC coaches Make : AMIT ENGG. Sr no of RMPU (PP side): 3264 B Sr no of Microprocessor: AE 18.12.091	RDSO/pe/spes/ac/0061/rev-1/2005	01
02.	Power and Control Panel for LHB Power car, Make: ISG Sr no : PCP-MCF-18-11-0048	EDTS-103 ,REV-c	01
04.	Switch board cabinet Make : ISG Sr no : SBC-MCF-19-02-0035	EDTS 104, REV-a	01
05.	Pump equipment with PLC controller & pump box Make: DR AUTO Sr no PA- 2018/12/41 Sr no.1- 18110234 Sr no.2- 18110152 Sr no.CPA- 7746/10/18-KALSI	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 : HBL Lug date : 02/18	EDTS 129,Rev nil	01 set

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Sr no	Description	Drg/Spec no.	Quantity per Coach
14.	SET OF BATTERY FOR DA (A & B) (A) Make: MICROTEX Lug date: 02/19 (B) Make: MICROTEX Lug date: 02/19		02 sets
15.	Battery box for LHB coaches. MAKE- TECHNO INDUSTRIES	1 10113.0.76.700.005 w/o item 5,22 ,23 ,26 & 27.ALT C	01
16.	Battery fuse box +ve Make : NEC	LW 71001,Alt-F	01
17.	Battery fuse box -ve Make : NEC	LW 71002,Alt-F	01
18.	60KVA TFR Make- VIMAL Sr no:1. VTC-R-3089-LHB-143 Make- VIMAL Sr no:2. VTC-R-3089-LHB-126 Make- VIMAL Sr no:3. VTC-R-3089-LHB-128	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-19-01-0005	EDML-130 Rev-1,Corr-1	01
20.	Emergency Battery Charger Make- BHASIN Sr no:1. 01196118 Make- BHASIN Sr no:2. 01196164	EDTS-163 REV-C, corg-2&3	02
21.	Wheel set earthing equipment. Make : CHANDA & CHANDA	EDTS101,REV-C,AM-1	02
22.	Wheel Slide Protection System (WSP) Make- KNORR Sr no : 0118390433	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- GREAVES Sr No- 3309121901469	EDTS 102, Rev`c'	01
23.a2	Sr no of Diesel Engine "A" Make- GREAVES Sr no- 1309121901469	EDTS 102, Rev`c'	01

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Sr no	Description	Drg/Spec no.	Quantity per Coach
23.b 1	Sr no of Alternator "B" Make- GREAVES Sr No- 3309121901464	EDTS 102, Rev`c'	01
23.b 2	Sr no of Diesel Engine "B" Make- GREAVES Sr no : 1309121901464	EDTS 102,	01
24.	Control Panel for ventilator Fan motor for Diesel Engine "A" Make- ISG Sr no- CPVF-MCF-18-10-0053	EDTS 110,REV-NIL	01
25.	Ventilator Fan Motor for Diesel Engine "A" 1.Make: GREAVES Sl no: RKBM 22755 2.Make: GREAVES Sl no: RKBM 22803	EDTS 110,Rev nil	01
26.	Radiator Fan Motor for Diesel Engine -"A" Make: GREAVES SL no: SAGM 48593	EDTS 104, Rev`a'	01
27.	Control Panel for Radiator Fan motor for Diesel Engine "A" Make- ABROL Sr no- 2018-12-247	EDTS-104,REV-A	01
28.	Ventilator Fan Motor for Diesel Engine "B" 1.Make: GREAVES Sl no: RKBM 22771 2.Sl no: RKBM 22807	EDTS 110,Rev nil	01
29.	Control Panel for ventilator Fan motor for Diesel Engine "B" Make- ISG Sr no- CPVF-MCF-18-10-0053	EDTS 110,REV-NIL	01

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



Modern Coach Factory Raebareli
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: GREAVES Sr no- SAGM 48509	EDTS 104, Rev`a'	01
31.	Control Panel for Radiator Fan motor for Diesel Engine "B" Make- ABROL Sr no- 2018-12-254	EDTS-104,REV-A	01
32..	Starter Battery Charging Control Panel -A & B Make : INDORAIL Sr no: 2018110842	EDTS 116,Rev nil	01
33.	Feeder Junction box. Make: LIGHT ENGG.	EDML 020, Rev`a'.	01 set
34.	Single Inlet Radial Blower, 415V/03Ph/185W/ 1045Cub mtr/hr discharge from S1 & S2 & Lavatory. Make- EYYANI	EDTS-331, TYPE-2	01
35.	Lights Make : DR AUTO	RDSO/PE/SPEC/TL/0091-2016, REV-01, TYPE-N & LW 76099	20
36.	Smoke Detector Unit. Make: AG RAIL Sr no: 500692	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: MV	EDML 013, Rev nil.	02

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

वरिष्ठ विद्युत अभियन्ता
रेल कोच फैक्टरी, रायबरेली, लखनऊ
Sr. Electrical Engineer / RCF / RBL / Lucknow