



# Modern Coach Factory Raebareli

DOC NO.: MCF/RBL/QMF 8002

REV NO: 01

DATE: 17.04.2018

आधुनिक रेल डिब्बा कारखाना, रायबरेली

## ROLLING STOCK CERTIFICATE

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2019-20/703

RLY	C	R	-	-	Coach No.	1	9	6	2	3	6	/	C	DATE OF DISPATCH	1	0	-	0	9	-	1	9
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DISPATCH TO	SSE/STOCK/CSTM	Type	L	W	A	C	C	N	Shell No.	9	3	2	1	6	FUR.NO.	L3T-1258
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1. Railway Board's Order No. : 2019/M(C)/142/2, dated -03-06-2019
2. Tare Weight of Coach : 45.6 Tonnes
3. Carrying Capacity : (a) Seating: 72 (b) Sleeping: 72 (c) Luggage: NIL

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	4250
4.	CBC height/Buffer height from Rail level 1105 +0/-10	1) 1098(NPPE) 2) 1101 (PPE)

### 6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Under frame	PP END M/S-DTL	31
		NPP END M/S-DTL	31
	Complete	M/S-DTL	31
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 MCF/RBL(CONTRACTOR V4U)	17/01
		RH SIDE MCF/RBL(CONTRACTOR V4U)	17/02
4.	End wall	PP END M/s-RAIL TECH KXH	---
		NPP END M/s-RAIL TECH KXH	---
5.	Roof	M/S -PIL	159
6.	Centre Buffer Coupler	M/S- SANROK ENT.	PP END 1344 NPP END 13444

### 7. AIRBRAKE 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 <sup>2</sup> . ➤ Max. pressure in BC ➤ All Brake are applied	6 – 10 sec. 3.0 ±0.15 kg/cm <sup>2</sup> . OK	06 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 @ 0.1 kg/cm <sup>2</sup> /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	M/S- VIBGYOR	(SUPPLY & APPLY)	90/89	16.08.19
2.	Insulation	Satisfactory				

वरिष्ठ अभियंता  
संरचना विभाग  
SSE/QC/MCF/RBL  
रायबरेली (जागरूक)







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	SSE/STOCK/CSTM	Type	L	W	A	C	C	N	Shell No.	9	3	2	1	6	FUR .NO	L3T-1258
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**9. DETAIL OF BOGIES:**

ITEMS	PP Side				NPP Side			
Bogie No	197016				197015			
Bogie Type	FIAT				FIAT			
Frame no.	ECBT-121				ECBT-122			
Bolster no.	RBL-L55-887				RBL-L55-1093			
Axle No	19 L - 5900 RWF		19 H - 2563 RWF		19 G - 9330 RWF		19 H - 3360 RWF	
Wheel Dia	917.673	917.812	917.684	917.77	917.698	917.771	917.658	917.833
Wheel Disc No	DP 06-17 32272-17-344	DP 06-17 32200-17-344	DP 06-17 32208-17-344	DP 06-17 32219-17-344	DP 06-17 32167-17-344	DP 06-17 32162-17-344	DP 06-17 32213-17-344	DP 06-17 32254-17-344
R.B. Nos.	05-18 39372	05-18 28830	05-18 28790	05-18 19161	05-18 39182	05-18 28445	05-18 39173	05-18 29154
CT R B Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	

**10. SECONDARY SUSPENSION LOAD DEFLECTION VALUES :-**

DESCRIPTION	Bogie NPP side		Bogie PP side	
Make & Nos.	Secondary 1	Secondary 2	Secondary 1	Secondary 2
	TAYAL & CO. Sr.NO.19-05-0606	TAYAL & CO. Sr.NO.19-05-0633	TAYAL & CO. Sr.NO.19-05 0634	TAYAL & CO. Sr.NO. 19-05 0563

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

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KNORR	13654,12936	13651,12933
2.	Primary outer Spring	CMFSK	03-19 7411-545(1336,1559,1663,1771)	03-19 7411-545(1884,1381,1484,1393)
3.	Primary Inner Spring	CMFSK	05-19 7143-559(48,264,553,263)	05-19 7143-559(79,309,76,51)
4.	Primary Damper	KONI	03-19 (00959,00715,04719,04054)	03-19 (00927,00912,03702,08395)
5.	Secondary Damper	IAI	01-19 (238181,238019)	01-19 (238207,237923)
6.	Lateral Damper	GABRIEL	11-18 948	11-18 949
7.	Brake Cylinder	KBI	B(700,6053,5923,4062)K29	B(7053,6051,6054,7052)K29
8.	Brake Caliper	KBI	B(4284,4245,4189,4217)-29	B(4207,4243,3444,4208)-29
9.	Brake Disc	FAV	03-19(1673,1674,2019,2009)D133561-300	03-19(2011,2012,1675,1676)D133561-300
10.	Ball Joint Control Arm	BASANT		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	SARITA		
13.	Traction lever make	JI		
14.	Ball joint traction lever	AR		
15.	Ball joint traction centre	AR		
16.	Leveling Valve	KNORR	16-19 B 6014,16-19 B 5984	16-19 B 5738,16-19 B 5736
17.	Check Valve	KNORR	07-19 19595	05-19 19587
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA/AR		
20.	Fork make	EMSON		
21.	Control Arm Upper	SF	87,133,80,12	SF,11,119,329
22.	Control Arm Lower	SF	21,19,SF,3	72,38,192,28
23.	Phonic Wheel	KNORR	K-06-19	K-06-19

Signature of SSE/Bogie/QC





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DISPATCH TO	SSE/STOCK/CSTM					Type	L	W	A	C	C	N	Shell No.	9	3	2	1	6	FUR.NO.	L3T-1258		

### 12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S- KBI, FARIDABAD	
2.	Distribution valve	M/S- KBI, FARIDABAD	3202 29/19
3.	Pull box	M/S- KBI, FARIDABAD	2019G 8231
4.	FIBA	M/S- KBI, FARIDABAD	
5.	Foot Step		PP-52761/29
6.	D-coupling arrangement	M/S- HITECH INR.PVT LTD RBL	NPP-5552/29
7.	Floor board	M/S-KOHINOOR KRMUMBAI	
8.	PVC	M/s-TWPL MUMBAI	
9.	UIC Vestibule (PPE)	M/S RESPONSIVE IND.MUMBAI	
10.	UIC Vestibule (NPPE)	M/S-SUNCREAST KOLKATA	
11.	Gangway bridge mounting (PPE)	M/S- MAHAVEER METAL WORKS KXH	
12.	Gangway bridge mounting (NPPE)	M/S- MAHAVEER METAL WORKS KXH	
13.	Body Side Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
14.	Emergency Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
15.	Lavatory/hopper Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
16.	Roof Ceiling	M/s-MSL (MOBILITY SOLUTION LTD.) MOHALI	
17.	Automatic smoke & heat Detection with alarm System	M/S- SANROK, FARIDABAD	
18.	Door way /gang way ceiling	M/S- AMIRCHAND ENGG.WORKS KXH	
19.	Supply Air Duct	M/S- HANSPAL TRADERS, KXH	
20.	Partition panel	M/S- UNIVERSAL METAL TEK, NOIDA	
21.	Partition pillar	M/S-JR INDS JALANDHAR	
22.	Side Wall panel	Ms-ALEX INTERNATIONAL KXH	
23.	AC Trough	M/s-FIBRO PLUSTICAM LKO	
24.	Body Side Door 1,3	M/s- JVR INDS, LUDHIYANA	
25.	Body Side Door 2,4	M/S- SUKATA INDS, PANCHKULA	
26.	Compartment Door (PPE)	M/s KALSI LDH	
27.	Compartment Door (NPPE)	M/s KALSI LDH	
28.	Vestibule Door(PPE)	M/S- JBM INDUSTRIES, FARIDABAD	
29.	Vestibule Door(NPPE)	M/S- JBM INDUSTRIES, FARIDABAD	
30.	Bio Tank	M/s- RAIL FAB KXH	
31.	Auxiliary Water Tank	M/S- MANOJ ENT. MOHALI	
32.	Under Slung Water Tank ( 2X685L)	M/S- AMIT ENG. BADDI & AMIT ENG MOHALI	
33.	Under Slung Water Tank (1x450 L)	M/S- AMIT ENG. BADDI	
34.	Health Faucet	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
35.	Lotah Filler Tap	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
36.	Bib cock	M/S-JAQUAL PVT LTD ALWAR	
37.	Lavatory Modules	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
38.	Lavatory Doors	M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA	
39.	Fire Extinguisher	M/S- SAFTEY GUORD	
40.	Seat & Berth	M/S ANANYA RAIL RCC IND LALGANJ	PPE-4105 ,NPPE-3257
41.	Light Luggage Rack	M/S- LUCKY ENTT. GURGAON	
42.	Snack Table	M/S- INTERNATIONAL TRACTORS LTD. JALNDHAR	
43.	RFID	M/S-TECH SOLUTION PVT LTD	

Sr.10473,104174

वरिष्ठ अधिकारी  
आयुक्त निदेश  
SSE/QC/MCF/RBL  
२०१०/०१/०१



मंत्रालय / राज्य सरकार





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DISPATCH TO	SSE/STOCK/CSTM	Type	L	W	A	C	C	N	Shell No.	9	3	2	1	6	FUR.NO.	L3T-1258
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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
1.	Wheels provided by M/S-Sail Durgapur and assembled by MCF/RBL.	Trial	Feed back is require to quality MCF/RBL	---

### 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 30 months 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 qualitycfrrbl@gmail.com
6. 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 अभियंता  
गुणवत्ता विभाग  
रेडिओका, रायबरेली (तालमंडी)वरिष्ठ यांत्रिक अभियंता/गुणवत्ता  
Senior Mechanical Engineer/Quality  
आधुनिक रेल डिब्बा कारखाना, रायबरेली  
Modern Coach Factory Raebareliउप मुख्य गुणवत्ता प्रबन्धक/डी.सी.  
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

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DATE: 18.01.2017

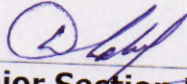
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**FOR ELECTRICAL ITEMS**

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES				
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES				
TYPE COACH		LWACCN	SHELL/COACH NO	196236/C
RAILWAY		CR	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	19.80 Cub mtr/min		OK
3.2	Return Air	77.65 Cub mtr/min		OK
3.3	Exhaust Air	7.15 Cub mtr/min		OK
3.4	Conditioned Air	160.04 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 :22.3°C NPP Side :31.3°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  
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**FOR ELECTRICAL ITEMS**

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB EOG AC COACHES

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 COMPOSITE PANTRY	OK
10.0	COMPARTMENT LIGHT	OK
11.0	PUBLIC ADDRESSING SYSTEM ( PAS )	OK
12.0	WHEEL SLIDE PROTECTION SYSTEM ( WSP )	OK
13.0	WORKING OF 60KVA TRANSFORMER	OK
14.0	WORKING OF REGULATED BATTERY CHARGER	OK
15.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
16.0	SAFETIES :	
16.1	THERMOSTAT :	OK
16.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
16.3	MID SET POINTS (SENSORS FAILED CONDITIONS)	OK
16.4	HYGROSTAT	OK
16.5	CONTROL CIRCUIT	OK
16.6	POWER CIRCUIT	OK
17.0	REFRIGERANT USED	OK

**R 407C**

*(Signature)*  
Senior Section Engineer  
Quality control / Electrical  
Modern Coach Factory Raebareli







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## ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
01.	Roof mounted AC package unit for LHB AC coaches. Make : <b>FEEL</b> Sr no of RMPU (NPP side): <b>2119001105</b> Sr no of RMPU (PP side) : <b>2119001135</b> Sr no of Microprocessor: <b>19.02.049 A PAUL</b>	As per rdso/pe/spes/ac/0061/rev-1/2005	<b>02</b>
02.	Switch board cabinet Make : <b>AMIT ENGG.</b> Sr no : <b>NIL</b>	RDSO/PE/SPEC/AC/0184-2015 REV-0	<b>01</b>
03.	Pump equipment with PLC controller & pump box Make : <b>DR AUTO</b> Sr no PA : <b>2019/08/0070</b> Sr no.1 : <b>19080733</b> Sr no.2 : <b>19080441</b> Sr no.CPA : <b>2019/08/061-DR AUTO</b>	As per spec EDTS 186,Rev-a, Am- 2	<b>01</b>
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cum mtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : <b>INTEG</b>	EDTS331, TYPE-1 CORR.-1&2	<b>02</b>
05.	Door way/Gangway Light Make : <b>DR AUTO</b>	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N	<b>07</b>
06.	Provision of Passenger area light(Cabin) Make: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	<b>09</b>
07.	Corridor Light with Night light Make: <b>DR AUTO</b>	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	<b>09</b>
08.	Emergency light system for EOG type coaches (AEL) Make : <b>DR AUTO</b>	EDTS 151,Rev -c Am-1 & 2	<b>04</b>
09.	Lavatory light fitting assly Make : <b>RT VISION</b>	LW 76001,Alt nil	<b>04</b>
10.	Toilet indication (WC) light, Make: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-H1	<b>04</b>
11.	Passenger alarm coach indication light Make : <b>KAVERI</b>	LW 76005,Alt-e	<b>02</b>

Senior Section Engineer  
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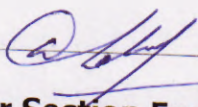
REV NO: 00

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## ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

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Sr no	Description	Drg/Spec no.	Quantity per Coach
12.	Razor socket for WC 110/240V. Make : <b>SSK</b>	EDML 047,Rev nil	<b>04</b>
13.	Terminal strip Make : <b>WAGO</b>	EDML 034,Rev-a	<b>01 SET</b>
14.	Terminal connector Make : <b>WAGO</b>	EDML 037,Rev`a'	<b>1 SET</b>
15.	Provision of 04 switch with socket combined 5PIN (06A, 250V AC) along with 1A glass fuse fitted powder coated steel plate & cover frame Make : <b>SSK</b>	LW 74202 EDML 0,64,Rev-A,AM-1 Item 07.	<b>18</b>
16.	Provision of switch socket combined 5PIN (06A, 250V AC) along with 1A glass fuse fitted powder coated steel plate & cover frame Make : <b>SSK</b>	EDML 0,64,Rev-B, Item -16.	<b>54</b>
17.	PA system for LHB coaches Make : <b>AHUJA</b>	EDTS 173,Rev- a Am-1,2&3	<b>01 set</b>
18.	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>08/18</b>	EDTS 129,Rev nil	<b>01 set</b>
19.	Battery box for LHB coaches. Make : <b>HITECH</b>	1 10113 0 76 700 005 w/o item 5,22 ,23 ,26 & 27.	<b>01</b>
20.	Battery fuse box +ve Make : <b>RADIANT</b>	As per LW 71001,Alt-F	<b>01</b>
21.	Battery fuse box -ve Make : <b>RADIANT</b>	As per LW 71002,Alt-F	<b>01</b>
22.	Reading light for longitudinal berth ( LHS) Make: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/009 1-2016,REV-01, TYPE-F1	<b>9</b>

  
Senior Section Engineer  
Quality control / Electrical  
Modern Coach Factory Raebareli







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आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

DATE:18.01.2017

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## ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
23.	Reading light for upper berth Make: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F2	<b>27</b>
24.	Reading light for transverse berth (RHS) Make: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F3	<b>18</b>
25.	Reading light for berth transverse ( LHS) Make: <b>DR AUTO</b>	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F4	<b>18</b>
26.	Emergency battery charger Make : <b>M.B &amp; COMPANY</b> Sr no: <b>201907333</b>	EDTS 163,Rev `c` corg.-2&3	<b>01</b>
27.	Regulated battery charger Make : <b>EEC</b> Sr no: <b>01190030</b>	RDSO/PE/SPEC/AC/0183 (REV -0 )	<b>01</b>
28.	Provision of 5KVA TFR Make : <b>WAVES</b> SL.no : <b>WLDT 5L 18369</b>	As Per EDTS-366,REV-NIL & CC-71510	<b>01</b>
29.	Provision of capacitor Bank Make : <b>KONTACT</b> SL.no : <b>KT-948</b>	As per EDML-130 Rev-1,Corr-1	<b>01</b>
30.	60KVA transformer Make : <b>VIMAL</b> Sr no : <b>VTC-R- 3089 LHB-1482</b>	As per rdso/pe/spec/ac/0080/rev-0 (2007)/Am-1&2/Corr. 1,2&3	<b>01</b>
31.	Inter Vehicle (ZS)coupler Make: <b>PRIME ELECT.</b>	As per RDSO PE SPEC-0177-2013 REV-0	<b>01 set</b>
32.	Feeder junction boxes. Make : <b>AECO</b>	EDTS-328 REV-C	<b>01 set</b>
33.	Wheel set earthling equipment. Make : <b>CHANDA &amp; CHANDA</b>	EDTS101,REV-C,AM-1	<b>02 sets</b>
34.	Wheel Slide Protection System (WSP) Make : <b>KNORR</b> Sr no : <b>0119141650</b>	M/s : <b>KNORR</b>	<b>01 set</b>
35.	PANTRY EQUIPMENTS : Hot Case & Bottle cooler cum deep freezer Make : <b>NIL</b>	As per EDTS -139, Rev- E ,Sec II.	<b>00</b>

SSE/EL/QC

AWM(E)/MCF/RBL  
SEE(P)/MCF/RBL

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

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

