



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/2020-21/479

RLY	CR	COACH NO	204796/C			DATE OF DISPATCH	15-Sep-20
Type	LWACCN	Shell No.	20C063	DISPATCH TO	SSE/C&W/WB/BB	FUR.NO.	L3T-1508

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 -HF VADODARA

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	PP END	M/S-SFPL 2
		NPP END	M/S-SFPL 2
		Complete	M/S-SFPL 2
2	Lav. side wall	MCFRBL	LAV.1
		MCFRBL	LAV.3
3	Side wall	LH SIDE	M/S-ECBT 89
		RH SIDE	M/S-ECBT 89
4	End wall	PP END	MCFRBL -PUSKAR
		NPP END	PP END MCFRBL
5	Roof	MCFRBL-CONT	92
6	Centre Buffer Coupler	M/S-FRONTIER	NPP/PP 216P2/115P2

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.	06 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	K.NEROLAC	M/S-K.NEROLAC (S&A)	91/89	18-Aug-20
2	Insulation			Satisfactory		


24/11/2020
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/2020-21/479

RLY	C	R	-	Coach No.	2	0	4	7	9	6	/	C	-	DATE OF DISPATCH	1	5	0	9	2	0	2	0
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DISPATCH	SSE/C&W/WB/BB	Type	L	W	A	C	C	N	Shell No.	2	0	C	0	6	3	FUR .NO	L3T-1508
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	201086				201085			
Bogie Type	FIAT				FIAT			
Frame no.	ECBT - 514				ECBT-446			
Bolster no.	MCF/RBL/LSS-1459				MCF/RBL/LSS-2322			
Axle No	20 Z - 0407 RWF		20 Z-0502 RWF		20 Y - 8023 RWF		20 V - 9664 RWF	
Wheel Dia	917.485	917.6	917.487	917.606	917.384	917.507	917.381	917.555
Wheel Disc No	TZ 07-19 62240-9RL4	TZ 07-19 61574-9RK4	TZ 07-19 61838-9RM4	TZ 07-19 67086-9RM8	TZ 12-19 94497-9VC1	TZ 07-19 61845-9RM4	TZ 11-19 82527-9VD9	TZ 05-19 47888-9PF5
R.B. Nos.	12-19 45620	12-19 35884	12-19 36156	11-19 34089	12-19 45504	12-19 36056	12-19 36477	12-19 45614
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-11-18 336	TAYAL & CO. Sr.NO-11-18 1409	TAYAL & CO. Sr.NO-07-18 549	TAYAL & CO. Sr.NO-07-18 527

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	294819,294323	294813,294520
2.	Primary outer Spring	CMRSK	08-18 F03-S30-03Y-(2569,2128),08-18 F03-S29-03Y-(2320,2553)	07-18 F03-S28-03Y-2610,08-18 F03-S28-03Y-(2506,1969),08-18 F03-S30-03Y-2580
3.	Primary Inner Spring	CMAFI	01-20 7143-(677,707,705,701)	01-20 7143-(699,712,713,684)
4.	Primary Damper	GABRIEL	01-20 (14704,14689,14714,14706)	01-20 (14700,14711,14691,14692)
5.	Secondary Damper	IAI	01-20 (295379,295251)	01-20 (295068,295411)
6.	Lateral Damper	IAI	11-19 283899	11-19 283882
7.	Brake Cylinder	KBI	C(9112,7624,7623,9111)-K-29	C(9104,7579,7627,9108)-K-29
8.	Brake Caliper	KBI	C(4814,4849,9850,4816)-29	C(4815,4853,4854,4817)-29
9.	Brake Disc	KBI	24226797-0051-01-02, 24226797-0075-01-02, 24226797-0072-01-02, 24226797-0071-01-02	22246796-0032-27-20, 22246796-0033-27-20, 22249053-0008-27-20, 22249053-0009-27-20
10.	Ball Joint Control Arm	ARYAN/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	KNORR	22-20-C5524, 22-20-C5516	22-20-C5454, 23-20-C5648
17.	Check Valve	KNORR	02-2019 24768	02-19 24660
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA+GMT		
20.	Fork make	RNG		
21.	Control Arm Upper	KUMAR	N-2740,D-2720,D-2690,D-2729	D-2652,D2730,N-2681,N-2758
22.	Control Arm Lower	KUMAR	D-9558,D-2635,D-2575,D-2581	D-2595,N-2726,N-2579,N-2284
23.	Phonic Wheel	KBI	K-05-20	K-05-20

Signature of SSE/Bogie/QC



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Type	LWACCN	Shell No.	20C063	DISPATCH TO	SSE/C&W/WB/BB
				FUR.NO.	L3T-1508

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S-KBI	4734 02/20
2	Distribution valve	M/S-KBI	2020A10159
3	Pull box	M/S-KBI	
4	FIBA	NIL	
5	Foot Step	M/S-FABRICON KOLKATA	
6	Decoupling arrangement	M/S-PULSAR KOLKATA	
7	Floor board	M/S -GREENPLY LTD GUJRAT	
8	PVC	M/S -PREMIER POLY FILM	
9	UIC Vestibule (PPE)	M/S-SUNCREAST KOLKATA	
10	UIC Vestibule (NPPE)	M/S-SUNCREAST KOLKATA	
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- BIRCON ENGG.GZB	
16	Roof Ceiling	M/S-MSL CDG	
17	Door way /gang way ceiling	M/S-RADISH ALIGERH	
18	Supply Air Duct	M/s-HANSPAL KXH	
19	Side Wall panel	M/S-HF VADODARA	
20	Partition panel	M/S-UNIVERSAL METAL NOIDA	
21	Partition pillar	M/S-NAGINA KXH	
22	AC Trough	M/S-MEENA FIBRE &MSL	
23	Body Side Doors-1	M/S-JVR LDH	
	Body Side Doors-2,3,4	M/S-SVARN INFRATEL	
24	Compartment Door (PPE)	M/s- HANSPAL COACH KXH	
25	Compartment Door (NPPE)	M/s- HANSPAL COACH KXH	
26	Vestibule Door(PPE)	M/S-KALSI LDH	
27	Vestibule Door(NPPE)	M/S-KALSI LDH	
28	RMPU	M/S-SIDWAL ENG.	
29	Bio Tank	M/S-JSL LIFE STYLE	
30	Pressurized flushing (ele. Pneu.)	M/S-AIRFLOW	
31	Auxiliary Water Tank	M/S-OASIS	
32	Under Slung Water Tank (2X685L)	M/S-OASIS	
33	Under Slung Water Tank (1x450 L)	M/S-AMIT ENGG.BADDI	
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-AMTEX SAFTEY	17460/16859
40	Automatic smoke & heat Detection with alarm System	M/S-SANROK	
41	Seat & Berth	M/S-OVPL MUMBAI	
42	Light Luggage Rack	M/S-TECHNO ALD	
43	Snack Table	M/S-DLJM NOIDA	
44	Venturi grill	M/S-HF VADODARA	
45	RFID	NIL	

Rama
24/11/2020

SSE/QC/MCF/RBL

वरिष्ठ अनुष्ठानिक अभियंता
गुणवत्ता विभाग
रेडिओ, रायबरेली (लालगंज)



Modern Coach Factory Raebareilly
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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Type	LWACCN	Shell No.	20C063	DISPATCH TO	SSE/C&W/WB/BB
				FUR.NO.	L3T-1508

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:

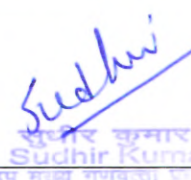
S NO	COMPONENTS	WARRANTY
1	Brake Pad, wheels, flushing valves, push gravity cocks, moldings, window glasses, mirrors, curtain clutch wire etc. (items which are consumable in nature)	NIL
2	Other coach furnishing sub assemblies(bought out items)	24 months from the date of dispatch of coach OR 30months from the date of supply of material whichever is earlier.

NOTE:

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 qualitycfrbl@gmail.com
6. 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.

 24/11/2020 SSE/QC/MCF/RBL	 25/11 SME/AME/QC/MCF/RBL	 Sudhir Kumar Dy.CQM/MCF/RBL
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गुणवत्ता विभाग
रेडि0का0, रायबरेली (लालगंज)

आधुनिक रेल डिब्बा कारखाना/गुणवत्ता-1
Assistant Mechanical Engineer / Quality-1
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory, Raebareilly

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आधुनिक रेल डिब्बा कारखाना,
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DOC NO.: MCF/RBL/QEF/8001

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PAGE 1 OF 5

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		204796/C
RAILWAY		CR	ELECT. FIT DATE	10-09-2020	MCF FUR. NO. 3T-1508
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	29.54 Cub mtr/min		OK	
3.2	Return Air	67.90 Cub mtr/min		OK	
3.3	Exhaust Air	5.02 Cub mtr/min		OK	
3.4	Conditioned Air	163.66 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 : 21.2 °C NPP Side : 20.7 °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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PAGE 2 OF 5

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

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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REV NO: 01

DATE: 29.06.2020

PAGE 3 OF 5

ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

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) : 19K 3077 Sr no of RMPU 2(PP side): 19K 3087 Sr no of Microprocessor. : 19102880	As per RDSO/PE/SPES/AC/0061/REV-1/2005	01 Set
02.	Switch board cabinet Make : ABROL Sr no : 069	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: KIND/ASY/0132 Sr no.1: 20070353 Sr no.2 : 20070354 Sr.no.CPA: GEM-20070034	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: D R 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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PAGE 4 OF 5

ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

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 : SALZER/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 : DEVINTEC	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: RT VISION	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): S.INTERNATIONALS 2.(PP): S.INTERNATIONALS	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 : 06/19	EDTS 129,Rev nil	01 set

Senior Section Engineer
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PAGE 5 OF 5

ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

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: HITACHI Sr. no.: 19011968	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: WAVES Sr.no.: WEBCK 195729	EDTS163,REV-C,COR-2&3	01 no
34.	Provision of 5 KVA TFR Make: VIMAL Sr no : VTC-3089-LHB-1369	As Per EDTS-366,REV-NIL & CC-71510	01 no.
35.	Provision of capacitor Bank Make: KONTACT SL.no.: KT-266	As per EDML-130 Rev-1,Corr-1	01 no.
36.	60KVA transformer Make: VIMAL Sr no : VTC-R-3089-LHB-4507	As per spec no. RDSO/PE/SPEC/AC/0080-2007 (REV-1)	01 no.
37.	Feeder junction boxes. Make: AUTO INDUSTRIES	EDTS-328 REV-C	01 set
38.	Wheel set earthing equipment. Make: DARSHAN ENTERPRISES	EDTS101,REV-C,AM-1	01 set
39.	Wheel Slide Protection System (WSP) Make: KNORR Sr. no : 0120104600	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 ELECTRO.	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 अधिकारी गुणवत्ता नियंत्रण आपरेटिंगका/ लालगंज / रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL	AWM(ELECT.)/MCF/RBL SEE(P)/MCF/RBL सं कार्य प्रबन्धक / विद्युत आपरेटिंगका / रायबरेली A.W.M./Electrical/MCF/RBL