

		Modern Coach Factory Raebareilly 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/2020-21/1272						
FLY	CR	COACH NO	211308/C		DATE OF DISPATCH	15-Mar-21
Type	WACCN	Shell No.	20C250	DISPATCH TO	Sr DME/C&W/LTT	FUR.NO L3T-1651
1. Railway Board's Order No. : 2020/MIC/142/2, DATE-29.01.2021 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 (K&I & Faiv.) letter no. MC/LHB/Brake, DT. 27.09.18 B-Venturi arrangement in lavatory -M/S-CMT MECHANISED 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	Front PP END	M/S-OMAX AUTO	-----		
		Part NPP END	M/S-SFPL	-----		
		Complete	MCF/RBL-AIRCON	20C250		
2	Lav. side wall	M/S-MM DHARWAD	LAV.1	-----	LAV.2	-----
		M/S-MM DHARWAD	LAV.3	-----	LAV.4	-----
3	Side wall	LH SIDE	MCF/RBL-V4U LKO	108		
		RH SIDE	MCF/RBL-V4U LKO	108		
4	End wall	PP END	M/S-DTL	-----		
		NPP END	PP END	M/S-DTL	-----	
5	Roof	MCF/RBL-	40			
6	Centre Buffer Coupler	M/S-ESCORTS	NPP/PP	5880/5916		
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.	08 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)	89/87	26-Nov-20
2	Insulation	Satisfactory				


 SSE/QC/MCF/RBL
 वरिष्ठ अनुसंधान विभाग
 गुणवत्ता विभाग
 नेडि०का०, 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/-1272

RLY	C	R	-	Coach No.	2	1	1	3	0	8	/	C	-	DATE OF DISPATCH	1	6	0	3	2	0	2	1
-----	---	---	---	-----------	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

DISPATCH	Sr.DME/C&W/LTT	Type	L	W	A	C	C	N	Shell No.	2	0	C	2	5	0	FUR .NO	L3T-1651
----------	----------------	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---	---------	----------

9. DETAIL OF BOGIES:-

ITEMS	NPP Side				PP Side			
Bogie No	202743				202744			
Bogie Type	FIAT				FIAT			
Frame no.	SIMPLEX - 161				SIMPLEX - 163			
Bolster no.	APEX-362				APEX-386			
Axle No	20 B - 8192 RWF		21 B- 8666 RWF		21C - 3557 RWF		21 C - 4025 RWF	
Wheel Dia	917.322	917.403	917.437	917.462	917.45	917.478	917.54	917.498
Wheel Disc No	TZ 09-20 27833-0TE2	TZ 06-20 18690-0PJ6	TZ 09-20 33602-0SE8	TZ 07-20 22392-0PJ0	TZ 09-20 27828-0TE2	TZ 07-20 22393-0PJ0	TZ 09-20 19309-0PH5	TZ 09-20 27126-0SD4
R.B. Nos.	06-20 410686	06-20 411383	06-20 411335	06-20 413775	06-20 415206	06-20 410650	07-20 415590	06-20 412400
CT R B Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	

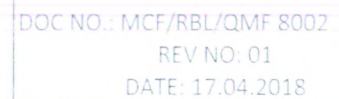
10. SECONDARY SUSPENSION LOAD DEFLECTION VALUES :-

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.	CMFSK02-20 F16-156-42	CMAFJ04-19- 9513-69	CMFSK02-20 F16-156-39	CMAFJ04-19- 9513-142	CMFSK02-20 F16-156-107	CMAFJ04-19-9513- 124	CMFSK02-20 F16-156-143	CMAFJ04-19- 9513-131
Compressed Ht. at Tested Load	513.5	468	515	466	515	467	515	465
Alignment deviation (mm)	11	17	13	20	10	15	8	15

11. TRACEABILITY OF BOGIE ITEMS:-

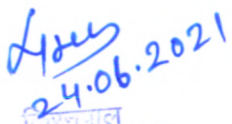
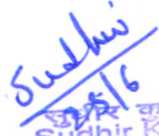
S. NO	ITEM	MAKE/ SUPPLIER	510SERIAL NO.	
			NPP SIDE20	PP SIDE
1.	Yaw Damper	ESCORT	7211,7233	72536,7220
2.	Primary outer Spring	CMFSK	11-19 7411-059-(625,478,627,828)	11-19 7411-059-(1,501,515,654)
3.	Primary Inner Spring	CMFSK	10-20-F04-031-(1247,1382,1178,1350)	10-20-F04-031-(1264,1237,1270,866)
4.	Primary Damper	IAI	01-20(300004,300844,301331,298459)	01-20(299528,316427,309559,300244)
5.	Secondary Damper	IAI	06-20 (327178,327191)	04-19 (6675,03627)
6.	Lateral Damper	KONI	03-19 01935	03-19 00260
7.	Brake Cylinder	ESCORT	61618,62395,60722,60984	60886,60730,62396,61617
8.	Brake Caliper	ESCORT	38541,39060,38009,37714	37716,38010,39061,38540
9.	Brake Disc	AVADH	09-18(48200881,48200880,48200775,48200882)	09-18(48200883,48200932,48200933,48200920)
10.	Ball Joint Control Arm	BONY		
11.	Lateral Bump Stop	GMT		
12.	Traction Centre make	RNG		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	BONY		
15.	Ball joint traction centre	PRAG		
16.	Secondary Rubber Pad	TECSPAK		
17.	Rubber Spring	BONY		
18.	Anti roll bar Make	RF		
19.	Roll Link make	RF+BONY RF/PRAG		
20.	Fork make	RNG		
21.	Control Arm Upper	SF(SARITA)	H-(11,119,35,109)	H-(12,59,72,124)
22.	Control Arm Lower	SF(SARITA)	H-(196,215,107,318)	H-(318,108,232,98)
23.	Phonic Wheel	FAV/ ESCORT	FT/KEP-604545	ESCORT

Signature of SSE/Bogie/QC



Rolling Stock Certificate No.. MCF/RBL/QC/RSC/2020-21/1272

SSC/OC/MCE/RBI
वरिष्ठ अधिकारी अभियंता
गुणधत्ता विभाग
ने ०६/०५/०८, रायबरेली (लालगंज)

		Modern Coach Factory Raebareilly 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/2020-21/1272					
RIY	CR	COACH NO	211308/C	DATE OF DISPATCH	
Type	LWACCN	Shell No.	20C250	DISPATCH TO	Sr.DME/C&W/LTT
				FUR.NO.	L3T-1651
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	REFERENCE &	
			Frequency	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 qualityrcfbl@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.					
		 24.06.2021 सहस्यक यंत्रिक इंजीनियर SME/AME/OC/MCF/RBL आ. र. डि. को. रायबरेली MCF, RBL		 सुधीर कुमार Sudhir Kumar Dy. Chief Quality Dy. CQM/MCF/RBL आधुनिक रेल डिब्बा कारखाना Modern Coach Factory	

वरिष्ठ अनुष्ठानिक अभियंता
 गुणवत्ता विभाग
 रेडिओ, रायबरेली (कालागंज)

B1,B2, G32,G33,G34,UPSIDC INDUSTRIAL AREA,JAINPUR-209311,KANPUR DEHAT
(UTTAR PRADESH) TEL.: 05111-220231 TO 220239.FAX: 05111-220235

WARRANTY CERTIFICATE

To,
The Dy. CME/Paint,
M/s. Modern Coach Factory,
Lalganj, Raebareli. (U.P)

Date: 03/12/2020

SUBJECT : PERFORMANCE WARRANTY CERTIFICATE

REF : P.O. No. 06170082. R1860045 DT.25.09.18

NAME OF WORK : SUPPLY AND APPLY OF PU PAINT PU PAINTS FOR LHB TYPE RAJDHANI
COACHES

Dear Sir,

With reference to the subject head, we do hereby confirm the warranty for three years from the date of application of the delivered below mentioned coaches vide your above referred purchase order after application and due inspection at your end.

SL. NO.	SHELL NO.	FURNISHING NO.	COACH NO.	RAILWAY NO.	DATE OF COMPLETION
324.	LWACCN 20C250	L3T-1651	211308	CR	26/11/2020

The warranty period is applicable from the date of dispatch against the below mentioned defects as per RDSO Specification No. M&C/PCN/100/2013.

Gloss level value of applied paint initial 85 unit(on the date of painting) and minimum 80%, 70 % & 60% of initial gloss after one year, two years and three years respectively from the date of application.

Decolonization of paint film.
Cracking of paint film.
Peeling of paint film.
Blistering of the paint film.

Thanking you,

Your's faithfully,
For Kansai Nerolac Paints Limited

Kansai Nerolac Paints Limited

Authorized Signatory

Head Office :

NEROLAC HOUSE

Ganpatrao Kadam Marg,

Tel.: + 91.22.2493 4001

CIN No.: L24202MH1920PLC000825

Warranty Disclaimer: KNP warrants its products to be free from defects in material and workmanship. KNP makes no other warranties concerning the product. No other warranties, whether expressed, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall KNP be liable for consequential or incidental damages. Any recommendation or suggestion relating to use of the products made by KNP, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना,
रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 01

DATE: 29.06.2020

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	
RAILWAY		CR		MCF FUR. NO.	
		ELECT. FIT DATE		211308/C	
		16-03-2021		3T-1651	
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			29.82 Cub mtr/min	OK
3.2	Return Air			77.15 Cub mtr/min	OK
3.3	Exhaust Air			5.81 Cub mtr/min	OK
3.4	Conditioned Air			179.19 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 : 20.4 °C NPP Side : 20.3 °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
Modern Coach Factory Raebareli





Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना,
रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 01

DATE: 29.06.2020

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

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना,
रायबरेली

DOC NO.: MCF/RBL/QEF/8001

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 : SSK Sr no of RMPU 1(NPP side) : 2084/20 Sr no of RMPU 2(PP side): 2060/20 Sr no of Microprocessor. : 2101132	As per RDSO/PE/SPES/AC/0061/REV-1/2005	01 Set
02.	Switch board cabinet Make : ISG Sr no : SBC-MCF-20-10-0202	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/024 Sr no.1: 19060247 Sr no.2 : 19060248 Sr.no.CPA: 2020097-KIND	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 : INTEG	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: RT VISION	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: RT VISION	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: AGASTYA	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: DR AUTO	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: RT VISION	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: N/A	. EDML047,ITEM-4	N/A

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli





Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना,
रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 01

DATE: 29.06.2020

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 : SALZER	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	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 : SALZER	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 : AGASTYA	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: DEVINTEC	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: DHINGRA	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: DEVINTEC	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): PRIME ELECT. 2.(PP): PRIME ELECT.	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 : HBL Lug date : 11/19	EDTS 129,Rev nil	01 set

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli





Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना,
रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 01

DATE: 29.06.2020

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 : RSI	LW 71001, Alt-H	01 no.
31.	Battery fuse box -ve Make : AECO	LW 71002, Alt-I	01 no.
32.	Provision of Regulated Battery Charger Make: HITACHI Sr. no.: 18101654	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 : BHASIN Sr.no.: 01200610	EDTS163,REV-C,COR-2&3	01 no
34.	Provision of 5 KVA TFR Make : VIMAL Sr no : VTC 3089 LHB 1621	As Per EDTS-366,REV-NIL & CC-71510	01 no.
35.	Provision of capacitor Bank Make: NEC SL.no.: 2020097260	As per EDML-130 Rev-1, Corr-1	01 no.
36.	60KVA transformer Make : VIMAL Sr no : VTC-R-3089-LHB-3863	As per spec no. RDSO/PE/SPEC/AC/0080-2007 (REV-1)	01 no.
37.	Feeder junction boxes. Make : LIGHT ENGG.	EDTS-328 REV-C	01 set
38.	Wheel set earthing equipment. Make : PRIME ELECT.	EDTS101,REV-C,AM-1	01 set
39.	Wheel Slide Protection System (WSP) Make : ESCORTS Sr. no : 200600-62308-0091	As per MDTS 077,Rev.-2 M/s "FAIVELEY" or "Knorr Bremse", or "ESCORTS" or "JWL-DAKO-CZ"	01 set
40.	Provision of External supply Socket 125A/415V/IP67/5-Pole (3Ph+1N+1E) complete with pilot contacts. Make: MV	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

 वरिष्ठ अनुभाग अभियन्ता SSE/EL/QC गुणवत्ता नियंत्रण आ०रे०डि०का० / लालमंज / रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL	 24/6/21 AWM(ELECT.)/MCF/RBL SEE(P)/MCF/RBL स० कार्य प्रबन्धक / विद्युत आ०रे०डि०का० / रायबरेली A.W.M/Electrical/MCF/RBL
---	---

