



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 (TEJAS)

Rolling Stock Certificate No : MCF/RBL/QC/RSC/2020-21/1355

RLY	WR	COACH NO	211317/C	DATE OF DISPATCH	31-Mar-21
Type	LWACCN	Shell No.	20N078	DISPATCH TO	Sr.DME/C&W/MMCT
				FUR.NO.	Tej/3T-78

1.	Railway Board's Order No.	2020/M(C)142/2, DATE-18.02.2021
2.	Tare Weight of Coach	45.6 Tonnes
3.	Carrying Capacity	(a) Seating: 72 (b) Sleeping: 72 (c) Luggage: NIL

4A. 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 -NIL

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 1104/1105

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1	Under frame	Front PP END M/S-AMIT ENGG	-----
	Part	NPP END M/S-AMIT ENGG	-----
	Complete	MCF/RBL-AIRCON	20N078
2	Lav. side wall	MCF/RBL LAV.1	----- LAV.2 -----
		MCF/RBL LAV.3	----- LAV.4 -----
3	Side wall	LH SIDE MCF/RBL-CONT-V4U	179
		RH SIDE MCF/RBL-CONT-V4U	179
4	End wall	PP END M/S-RAIL TECH KXH	-----
		NPP END PP END M/S-RAIL TECH KXH	-----
5	Roof	MCF/RBL-CONT.	97
6	Centre Buffer Coupler	M/S-FRONTIER	NPP/PP 86P1/72P2

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	ADVANCE	M/S-ADVANCE (S&A)	73/89	6-Mar-21
2	Insulation			Satisfactory		

SSE/QC/MCF/RBL

वरिष्ठ अनु अभियंता
गुणवत्ता विभाग
रेडिओ 10, 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/-1355 (TEJAS)

RLY	W	R	-	Coach No.	2	1	1	3	1	7	/	C	-	DATE OF DISPATCH	3	1	0	3	2	0	2	1
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DISPATCH	Sr.DME/C&W/MMCT	Type	L	W	A	C	C	N	Shell No.	2	0	N	0	7	8	FUR.NO	L3T-Tej-78
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	202921				202922			
Bogie Type	FIAT				FIAT			
Frame no.	Mcf/rbl/ls5-2954				Mcf/rbl/ls5-2971			
Bolster no.	TACPL-88/120				TACPL-93/120			
Axle No	21 C - 5848 RWF		21C - 4347 RWF		21 C - 4250 RWF		21 C -4493 RWF	
Wheel Dia	917.491	917.538	917.51	917.54	917.412	917.52	917.421	917.549
Wheel Disc No	TZ 12-19 93947-9WI5	TZ 09-20 28659-0TD9	TZ 09-20 33122-0TE4	TZ 09-20 33124-0TE4	TZ 09-20 34838-0RE6	TZ 09-20 27236-0SF8	TZ 09-20 25274-0TC6	TZ 07-20 45495-0RE6
R.B. Nos.	09-20 428673	09-20 429154	09-20 428665	09-20 426344	08-20 425351	09-20 427778	09-20 429625	09-20 426572
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 02-21 3704	TAYAL.CO 02-21 3781	TAYAL.CO 02-21 3729	TAYAL.CO 02-21 3735

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	301369,301504	301428,301425
2.	Primary outer Spring	CMFSK	10-20 F03-028-(351,673,3213,366)	10-20 F03-028-(388,367,390,360)
3.	Primary Inner Spring	CMFSK	10-20 F04-030-(231,1196,134,1288)	10-20 F04-030-(1268,1271,1343,1286)
4.	Primary Damper	GABRIEL	02-20 (18223,18167,18221,18173)	02-20 (18228,18175,18226,18168)
5.	Secondary Damper	KNORR	12-18 (13530,16731)	12-18 (13262,13791)
6.	Lateral Damper	KONI	04-19 02035	04-19 01849
7.	Brake Cylinder	FAV	A21-(110,108),B21(-172,163)	B21-(038,137,154)K20-459
8.	Brake Caliper	FAV	B21(622,620,619,621,-)B	B21(693,691,292,649)-B
9.	Brake Disc	KBI	24241011 0072-47/20,24241011 0073-47/20 242411012 0057-47/20,24241012 0059-47/20	24241023 0079-50/20,24241023 0078-50/20 24241023 0070-50/20,24241023 0071-50/20
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	GMT		
12.	Traction Centre make	RNG/RF		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	AR/GMT		
15.	Ball joint traction centre	GMT		
16.	Leveling Valve	FAV	G20-470,G49-408	G20-465,A20-466
17.	Check Valve	FAV	H20-111	K19-340
18.	Anti roll bar Make	SF/RF		
19.	Roll Link make	SAI+BONY		
20.	Fork make	RNG		
21.	Control Arm Upper	KUMAR	D(5236,8680,6801,6017)	N6017,D6060,D3020,N8019)
22.	Control Arm Lower	KUMAR	D(5141,5230,5223,5273)	D(5273,5231,5232,5215)
23.	Phonic Wheel	KBI	K 01-21	K 01-21

Signature of SSE/Bogie/QC



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Type	LWACCN	Shell No.	20N078	DISPATCH TO	Sr.DME/C&W/MMCT
				FUR.NO.	TeJ/3T-78

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S-FAIVELEY	B21085B
2	Distribution valve	M/S-FAIVELEY	B215591B
3	Pull box	M/S-FAIVELEY	
4	FIBA	M/S-KBI	11560/29,11566/29
5	Foot Step	M/S-HITECH RBL	
6	Decoupling arrangement	M/S-PULSAR KOLKATA	
7	Floor board	M/S-TWPL MUMBAI	
8	PVC	M/S-HFGW VADODARA	
9	UIC Vestibule (PPE)	M/S-ELASTOMER MUMBAI	
10	UIC Vestibule (NPPE)	M/S-ELASTOMER MUMBAI	
11	Gangway bridge mounting (PPE)	M/S-MMW KXH	
12	Gangway bridge mounting (NPPE)	M/S-MMW KXH	
13	Body Side Window	M/S-HFGW VADODARA	
14	Emergency Window	M/S-HFGW VADODARA	
15	Lavatory/hopper Window	M/S-HFGW VADODARA	
16	Roof Ceiling	M/S-HFGW VADODARA	
17	Door way /gang way ceiling	M/s-P.D.STEEL PANCHKULA	
18	Supply Air Duct	M/s-HANSPAL KXH	
19	Side Wall panel	M/S-HFGW VADODARA	
20	Partition panel (HONEYCOMB)	M/S-HFGW VADODARA	
21	Partition pillar	M/S-HFGW VADODARA	
22	AC Trough	M/S-TATA STEEL KOLKATA	
23	Body Side Doors	M/S-KNORR BREMSE IND LTD PALWAL	
24	Compartment Door (PPE)	M/s-POOJA SALES JAGADHARI	
25	Compartment Door (NPPE)	M/s-POOJA SALES JAGADHARI	
26	Vestibule Door(PPE)	M/s-JBM FARIDABAD	
27	Vestibule Door(NPPE)	M/s-JBM FARIDABAD	
28	RMPU	M/S-ESS ESS KAY ENGG KXH	
29	Bio Tank	M/S-CEMCON -02 NOS+JSL LIFE -02 NOS	
30	Vacuum toilet system	M/S-CEMCON CASTING PVT LTD	
31	Auxiliary Water Tank	M/S-SHIVALIK FAST MOHALI	
32	Under Slung Water Tank (2X685L)	M/S-OASIS	
33	Under Slung Water Tank (1x450 L)	M/S-AMIT ENGG MOHALI	
34	Health Faucet	M/S-CMT MECHANISED SYSTEM VADODARA	
35	Lotah Filler Tap	M/S-CMT MECHANISED SYSTEM VADODARA	
36	Bib cock	M/S-JAQUAR ALWAR	
37	Lavatory Modules	M/S-HFGW VADODARA	
38	Lavatory Doors	M/S-HFGW VADODARA	
39	Fire Extinguisher	M/S-SHAAN INDS.	181/346
40	CCTV	M/S-PUNJAB RADIO JUC	
41	Automatic smoke & heat Detection with alarm System	M/S-SANROK ENTT FARIDABAD	
42	Odour control system	M/S-HFGW VADODARA	
43	Seat & Berth	M/S-HFGW VADODARA	
44	Light Luggage Rack	M/S-HFGW VADODARA	
45	Snack Table	M/S-HFGW VADODARA	
46	Venturi grill	NIL	
47	RFID	NIL	

वर्तमान में अभियंता
SSC/QC/MCF/RBL

गुणवत्ता विभाग
रेडिओका. रायबरेली (लालगंज)



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आधुनिक रेल डिब्बा कारखाना, रायबरेली

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Type	LWACCN	Shell No.	20N078	DISPATCH TO	Sr.DME/C&W/MMCT	FUR.NO.	TeJ/3T-78

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
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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:

- 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 qualityrcfbl@gmail.com
- 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

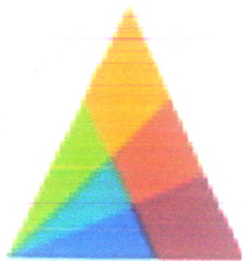
If any imperfection is noticed or any defect arises during the warranty –period due to improper material used or due to bad workmanship, the contractor shall be bounded to set right the defect/ imperfection on free of cost basis at the base depot of the coach.

SSE/QC/MCF/RBL	SME/AME/QC/MCF/RBL	DY.CQM/MCF/RBL

वरिष्ठ गुणवत्ता विभाग
गुणवत्ता विभाग
रेडिओ, रायबरेली (लालगंज)

सहायक यांत्रिक इंजीनियर
Mechanical Engineer
आ. र. डि. को. रायबरेली
MCF, RBL

MODERN COACH FACTORY
RAEBAREILLY



ADVANCE PAINTS

CORROSION PROTECTION PROFESSIONALS

WARRANTY CERTIFICATE

To,
Dy. CME/Paint
Modern Coach Factory,
Lalganj,
Raebareli-229120

Date:- 09/03/2021

Sub- Performance Warranty Certificate.

Ref No- PO No.- 06201014101538 dtd. 17.11.2020

Name of Work- Supply and Application of PU Paint for painting of LHB type Tejas coaches.

Dear Sir,

With Reference to the above, we do hereby confirm the warranty for three years from the date of application of the delivered before mention 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
27	LWACCN 20 NOV 18	L3T (TEJ) 78	211317	WR	05-03-21

The Warranty is applicable from the date of dispatch against the below mentioned defects as per RDSO specification no. M&C/PCN/100/2018.

- Gloss level value of applied paint initial 85 unit (on the date of painting) and minimum 80%, 70% & 6% of initial gloss after one year, two year and three years respectively from the date of application.
- Decolourization of paint film.
- Cracking of paint film.
- Peeling of paint film.
- Blistering of the paint film.

Thanking you

Yours Faithfully,

For Advance Paints Pvt. Ltd.

Authorized Signatory

ADVANCE PAINTS PVT. LTD.

Advance House, Plot No. A, Ark Industrial Compound, Makwana Road, Marol Naka, Andheri (East) Mumbai 400 059, India
T: +91 22 28590162/63/64 * F: +91 22 2852 8826 * govtdept@advancepaints.com * www.advancepaints.com

A GALIAKOTWALA GROUP COMPANY



Modern Coach Factory Raebareli

आधुनिक रेल डिब्बा कारखाना,
रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 01

DATE: 29.06.2020

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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)	OK
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





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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) : 2178/21 Sr no of RMPU 2(PP side): 2176/21 Sr no of Microprocessor. : AE 2007592	As per RDSO/PE/SPES/AC/0061/REV-1/2005	01 Set
02.	Switch board cabinet Make : ISG Sr no : SBC-MCF-20-10-0224	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: HIND PA Sr.no: 20/10/326 Sr no.1: 20/10/691 Sr no.2 : 20/10/692 Sr.no.CPA: 20/10/616-HIND	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: ENSAVE	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: ELECTROWAVES	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: ENSAVE	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
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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 : 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: DR AUTO	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(Rev.-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 : 02/21	EDTS 129,Rev nil	01 set
27.	GPS PASSENGER INFORMATION SYSTEM FOR LHB AC-TEJAS COACHES. Make: IQ NET SYSTEMS MBU SL No: 014 1. LCD (NPP) SL.No: 014 2. LCD (PP) SL.No : 013	RDSO/SPEC/AC/0087-2008(REV-1) & RDSO/PE/SK/AC/0182-2015 & RDSO/PE/TP/AC/0026-2015,REV-	01 SET

Senior Section Engineer
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Modern Coach Factory Raebareli





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आधुनिक रेल डिब्बा कारखाना,
रायबरेली

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ROLLING STOCK CERTIFICATE OF LHB EOG 3T COACH.

Sr. no.	Description	Drg/Spec no.	Quantity per Coach
28.	Provision of Cable Jacket, Size 75, 50, 20 mtr.	As per spec no. EDTS 0138, Item 5,8,11	ok
29.	Provision of cable binder.	As per Drg. No. cc76129, Item 2,4.	ok
30.	Battery box for LHB coaches. Make: HITECH	As per drgno 1 10113 0 76 700 005, Alt C	01 no.
31.	Battery fuse box +ve Make : RSI	LW 71001, Alt-H	01 no.
32.	Battery fuse box -ve Make : AECO	LW 71002, Alt-I	01 no.
33.	Provision of Regulated Battery Charger Make: WAVES Sr. no.: W4K5J 19820	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.
34.	Emergency battery charger Make : N/A Sr.no.: N/A	EDTS163,REV-C,COR-2&3	N/A
35.	Provision of 5 KVA TFR Make : VIMAL Sr no : VTC 3089 LHB 1655	As Per EDTS-366,REV-NIL & CC-71510	01 no.
36.	Provision of capacitor Bank Make: NEC SL.no.: 2020108016	As per EDML-130 Rev-1, Corr-1	01 no.
37.	60KVA transformer Make : VIMAL Sr no : VTC-R-3089-LHB-3831	As per spec no. RDSO/PE/SPEC/AC/0080-2007 (REV-1)	01 no.
38.	Feeder junction boxes. Make : AECO	EDTS-328 REV-C	01 set
39.	Wheel set earthing equipment. Make : DARSHAN	EDTS101,REV-C,AM-1	01 set
40.	Wheel Slide Protection System (WSP) Make : FAIVELEY Sr. no : 13133	As per MDTS 077,Rev.-2 M/s"FAIVELEY" or "Knorr Bremse", or "ESCORTS" or "JWL-DAKO-CZ"	01 set
41.	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
42.	PANTRY EQUIPMENTS(ONLY FOR RAJDHANI COACH). Hot Case, Bottle cooler cum deep freezer Make : ZUMAX	As per spec no EDTS 139, Rev-E, Sec II.	01 Set
43.	Provision of reliable wired Train bus in EOG/HOG coaches for hauling of trains by Loco's in Push-Pull mode. Make: SCHALT BAU /HARTING	RDSO spec. no. RDSO/PE/MS/AC/0080-2019 (Rev.-1)	01 Set

वरिष्ठ अनुभाग अभियन्ता

SSE/EE/QC

आग्रेण्डिका/लालगंज/रायबरेली

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

AWM(ELECT)/MCF/RBL

SSE(P)/MCF/RBL

A.N.M./Elect-QC/M.C.F./LLJ/RBL

