	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारख़ाना, 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/2019-20/**1298**

RLY	CR	**COACH NO**	**199460/C**			**DATE OF DISPATCH**	21.12.2019
Type	LWACCW	**Shell No.**	93334	**DISPATCH TO**	SSE/STOCK/CR/PUNE	**FUR.NO.**	L2T(T)-113

1. Railway Board's Order No. : 2019/M(C)/142/2,DATED-18.12.2019
2. Tare Weight of Coach : 44.5 Tonnes
3. Carrying Capacity : (a) Seating: 52 (b) Sleeping: 52 (c) Luggage: NIL

4. Special feature:

A	Due to fitment of L3T roof in L2T shell, more space available in transverse side
B	Extend linen room to accommodate the space NPP end (width 270 mm)
C	Height (from floor level to ceiling) raised from 2250mm to2510mm.
C1	Gap extend between transverse side upper berth and ceiling from 830mm to 894mm.
C2	Gap extend between transverse side lower berth and upper berth from 920mm to 1065mm.
C3	Gap extend between transverse side floor level to lower berth from 420mm to 465mm.
D	Provision of sliding cum sleeping berth. (MAKE- M/S- ANANYA RAIL COACH COMPONENTS IND.LLJ)
E	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

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	1100/1104

6. TRACEABILITY OF SHELL ITEMS:

S NO		ITEM		MAKE/SUPPLIER	SERIAL NO			
1	Under frame	Front Part	PP END	M/S-SFPL				
			NPP END	M/S-SFPL				
		Complete		M/S-V4U TECHIE	93334			
2	Lav. side wall			M/S-R.TECH KXH	LAV.1		LAV.2	
				M/S-R.TECH KXH	LAV.3		LAV.4	
3	Side wall	LH SIDE		MCF/RBL	222/01			
		RH SIDE		MCF/RBL	222/01			
4	End wall	PP END		M/S-RAIL TECH KXH				
		NPP END		M/S-RAIL TECH KXH				
5	Roof			M/S-DTL	215			
6	Centre Buffer Coupler			M/S-FRONTIER LTD	PP	205P1	NPP	194P1

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	NEROLAC	M/S-K.NEROLAC	91/88	23-10-2019
2	Insulation			Satisfactory		

SSE/QC/MCF/RBL

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/**2019-20/1298**

RLY	C	R	-	Coach No.	1	9	9	4	6	0	/	C	-	DATE OF DISPATCH	2	1	1	2	2	0	1	9

DISPATCH	SSE/STOCK/CR/PUNE	Type	L	W	A	C	C	W	Shell No.	9	3	3	3	4	FUR .NO	L2T-T-113

9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	192287				192288			
Bogie Type	FIAT				FIAT			
Frame no.	MCF/RBL-1727				MCF/RBL-1749			
Bolster no.	MCF/RBL-2856				MCF/RBL-2873			
Axle No	19 N -8731 RWF		19 N - 8586 RWF		19 N -9090 RWF		19 S -7670 RWF	
Wheel Dia	917.642	917.4	917.531	917.525	917.505	917.509	917.518	917.51
Wheel Disc No	TZ 07-19 64880-9RL5	TZ 07-19 64879-9RN9	TZ 06-19 51471-9RH7	TZ 05-19 48351-9PD7	TZ 08-19 75952-9SK8	TZ 05-19 48365-9PH5	TZ 07-19 64222-9RM3	TZ 05-19 48366-9PH4
R.B. Nos.	10-19 39912	08-19 29785	10-19 39894	08-19 29496	08-19 29295	08-19 29522	10-19 39996	08-19 29730
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.	CMFSK05-19-5095-112-203	CMRSK11-18-F19-545-19A-2218	CMFSK05-19-5095-112-222	CMRSK11-18-F19-545-19A-2209	CMFSK08-19 9514-074-2	CMRSK11-18-F19-545-2196	CMFSK05-19-5095-112-202	CMRSK11-18-F19-545-19A-2186
Compressed Ht. at Tested Load	510	466	510	464	512.5	462	512	463
Alignment deviation (mm)	9	45	9	47	7	42	7	40

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KBI	15905,17728	17741,17726
2.	Primary outer Spring	CMAFJ	05-19 7411 (291,288,301,284)	05-19 7411 (287,294,296,295)
3.	Primary Inner Spring	CMRSK	08-18 F02-R91-02Y(2498,3247,2267,3647)	08-18 F02-R91-02Y(2308,3646,3465,3099)
4.	Primary Damper	KONI	03-19 (05078,06787,06378,06338)	03-19 (06335,06565,06746,06412)
5.	Secondary Damper	KONI	04-19 (04004,05731)	04-19 (04235,04120)
6.	Lateral Damper	IAI/KNORR	250957	07-19 0719
7.	Brake Cylinder	ESCORT	48912,49000,48999,48939	48273,47515,48994,48165
8.	Brake Caliper	ESCORT	28277,28343,28347,28280	27925,27117,28342,27708
9.	Brake Disc	FAV	10-19-(3094,3095,3959,3960)D-133561-300	10-19-(3835,3856,3823,3821)D-133561-300
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	GMT/ARYAN		
12.	Traction Centre make	SARITA		
13.	Traction lever make	TAJ		
14.	Ball joint traction lever	GMT/ARYAN		
15.	Ball joint traction centre	GMT		
16.	Secondary Rubber Pad	DUREL		
17.	Rubber Spring	DUREL		
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA/ GMT		
20.	Fork make	RNG		
21.	Control Arm Upper	RVE/PACL	200819-1,180819-1,240819-3,170819-2	355-19,365-21,355-23,258-25
22.	Control Arm Lower	RVE/PACL	170819-2,170819-2,270819-3,200819-2	318,515,229,238
23.	Phonic Wheel	ESCORT	ESCORT	ESCORT

Note:-

Signature of SSE/Bogie/QC

	Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारख़ाना, 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/2019-20/**1298**

RLY	CR	**COACH NO**	**199460/C**			**DATE OF DISPATCH**	21.12.2019
Type	LWACCW	**Shell No.**	93334	**DISPATCH TO**	SSE/STOCK/CR/PUNE	**FUR.NO.**	L2T(T)-113

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S-KBI	3499-33/19
2	Distribution valve	M/S-KBI	2019H8561
3	Pull box	M/S-KBI	
4	FIBA	NA	
5	Foot Step	M/S-HITECH INCREAVENTURE PVT RBL	
6	Decoupling arrangement	M/S-ELASTOMER LINING WORKS, MUMBAI	
7	Floor board	M/S-TWPL MUMBAI	
8	PVC	M/S PREMIER POLYFILM, GZB	
9	UIC Vestibule (PPE)	M/S-SUNCREST KOLKATA	
10	UIC Vestibule (NPPE)	M/S-SUNCREST 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-MOBILITY SOLUTION LTD MOHALI	
17	Door way /gang way ceiling	M/s- GANDHI SAFE & ALLIED INDUS. JUC	
18	Supply Air Duct	M/S-INTERNATIONAL ENGG KXH	
19	Partition panel	M/S-RAIL TECH KXH	
20	Partition pillar	M/S-SIDHU INTERNATIONAL KXH	
21	Side Wall panel	M/S- H.F.GLASS VADODARA	
22	AC Trough	M/S-MEENA FIBER GLASS PUDUCHERY	
23	Body Side Doors 1,3	M/S-JVR INDS LDH	
24	Body Side Doors 2,4	M/S- JBM INDUSTRIES, FARIDABAD	
25	Compartment Door (PPE)	M/S-HANSPAL TRADERS KXH	
26	Compartment Door (NPPE)	M/S-HANSPAL TRADERS KXH	
27	Vestibule Door(PPE)	M/S- JBM INDUSTRIES, FARIDABAD	
28	Vestibule Door(NPPE)	M/S- JBM INDUSTRIES, FARIDABAD	
29	RMPU	M/S-SSK KXH	
30	Bio Tank	M/S-JSL LIFESTYLE LTD GURGAON	
31	Pressurized flushing (ele. Pneu.)	M/S-IMI	
32	Auxiliary Water Tank	M/S-AMIT ENGG MOHALI	
33	Under Slung Water Tank (2X685L)	M/S-AMIT ENGG MOHALI	
34	Under Slung Water Tank (1x450 L)	M/S-AMIT ENGG BADDI	
35	Health Faucet	M/S-BAHREEN FIBRE GLASS CHITTOR	
36	Lotah Filler Tap	M/S-JAQUAR PVT,LTD ALWAR	
37	Bib cock	M/S-JAQUAR PVT,LTD ALWAR	
38	Lavatory Modules	M/S-BAHREEN FIBRE GLASS CHITTOR	
39	Lavatory Doors	M/S-BAHREEN FIBRE GLASS CHITTOR	
40	Fire Extinguisher	M/S-DEVIKA FIRE SAFETY	874,1342
41	Automatic smoke & heat Detection with alarm System	M/S-SANROK ENT. FARIDBAD	
42	Seat & Berth	M/S-ANANYA RCC INDS LLJ	
43	Light Luggage Rack	M/S-LUCKY ENT.GURGAON	
44	Snack Table	M/S-DLJM NOIDA	
45	RFID	M/S-ID TECH	105463,105464

SSE/QC/MCF/RBL

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	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/2019-20/**1298**

RLY	CR	**COACH NO**	199460/C			**DATE OF DISPATCH**	21.12.2019
Type	LWACCW	**Shell No.**	93334	**DISPATCH TO**	SSE/STOCK/CR/PUNE	**FUR.NO.**	L2T(T)-113

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 caseextend 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 qualityrcfrbl@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 60º)	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/MCE/RBL	**SME/AME/QC/MCF/RBL**	**Dy.CQM/MCF/RBL**

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गुणवत्ता विभाग
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Senior Mechanical Engineer/Quality
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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG/HOG 2T AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB/EOG/HOG AC COACHES

TYPE COACH	**LWACCW**		**SHELL/COACH NO**		**199460/C**
RAILWAY	**CR**	**ELECT.FIT DATE**	**10-12-2019**	**FUR.NO**	**2T-T-113**

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	**20.03**	Cub mtr/min	OK
3.2	Return Air	**71.82**	Cub mtr/min	OK
3.3	Exhaust Air	**6.71**	Cub mtr/min	OK
3.4	Conditioned Air	**162.31**	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. **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. Not done.			----

Senior Section Engineer
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MCF/RBL

FOR ELECTRICAL ITEMS

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ELECTRICAL TEST CERTIFICATE FOR LHB EOG HOG 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	BERTH READING LIGHTS	OK
11.0	COMPARTMENT LIGHT	OK
12.0	PUBLIC ADDRESSING SYSTEM **(PAS)**	OK
13.0	WHEEL SLIDE PROTECTION SYSTEM **(WSP)**	OK
14.0	WORKING OF 60KVA TRANSFORMER	OK
15.0	WORKING OF REGULATED BATTERY CHARGER	OK
16.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
17.0	SAFETIES :	
17.1	THERMOSTAT :	OK
17.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
17.3	MID SET POINTS (SENSORS FAILED CONDITIONS)	OK
17.4	HYGROSTAT	OK
17.5	CONTROL CIRCUIT	OK
17.6	POWER CIRCUIT	OK
18.0	REFRIGERANT USED **R 407C**	OK

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Modern Coach Factory Raebareli

ROLLING STOCK CERTIFICATE OF LHB/EOG/HOG 2T AC COACHES

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) **1168/19** Sr no of RMPU 2(PP side): **1169/19** Sr no of Microprocessor: **AE 19.07.594**	As per rdso/pe/spes/ac/0061/rev-1/2005	**02**
02.	Switch board cabinet Make : **AMIT ENGG.** Sr no : **AE/SB-717**	As per spec no .EDTS073,REV-D,AM-6	**01**
03.	Pump equipment with PLC controller& pump box Make: **DR AUTO** Sr no PA: **2019/11/0005** Sr no.1: **19100051** Sr no.2: **19100022** Srno.CPA: **2019/11/017-DR AUTO**	As per spec EDTS 186,Rev-a, Am-2	**01**
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cummtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : **ECOFIT**	EDTS331, TYPE-1 CORR.-1&2	**02**
05.	Passenger area Light(Cabin) Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	**09**
06.	Corridor Light with Night light Make: **RT VISION**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	**09**
07.	Doorway/Gangway light, Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N	**06**
08.	Emergency light system for EOG type coaches (AEL)Make: **DR AUTO**	EDTS 151,Rev –c Am-1 & 2	**04**
09.	Lavatory light fitting assly Make: **K.LITE**	LW 76001,Alt nil	**04**
10.	Toilet indication (WC) light, Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-H1	**04**

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ROLLING STOCK CERTIFICATE OF LHB/EOG/HOG 2T AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
11.	Reading light for longitudinal berth (LHS) Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F1	**9**
12.	Reading light for upper berth Make: **RT VISION**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F2	**26**
13.	Reading light for transverse berth (RHS) Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F3	**8**
14.	Reading light for berth transverse (LHS) Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F4	**9**
15.	Passenger alarm coach indication light Make: **RT VISION**	LW 76005,Alt-e	**02**
16.	Razor socket for WC 110/240V. Make: **SSK**	EDML 047 ,Rev nil	**04**
17.	Terminal strip Make: **WAGO**	EDML 033,Rev-c	**01**
18.	Terminal connector Make: **WAGO**	EDML 037,Rev`a'	**04**
19.	Single switch 06A/250V/AC ONE WAY ,complete with steel plate & cover frame Make: **SSK**	EDML 047,Rev_C, Item 1.	**09**
20.	Single switch 06A/250V/AC ONE WAY complete with steel plate & cover frame Make: **SSK**	EDML 047,Rev_A ,Item 2.	**09**
21.	Switch socket combined 5PIN (06A, 250V AC) along with 1A glass fuse fitted powder coated steel plate & cover frame Make: **SSK**	EDML 0,64,Rev-B, Item -16.	**09**
22.	PA system for LHB coaches Make :**AHUJA**	EDTS 173 Rev- a Am-1,2&3	**01 set**

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ROLLING STOCK CERTIFICATE OF LHB/EOG/HOG 2T AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
23.	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 : **7/19**	EDTS 129,Rev nil	**01 set**
24.	Battery box for LHB coaches. Make: **ANKUR**	As per drgno 1 10113 0 76 700 005,Alt C	**01**
25.	Battery fuse box +ve Make : **ISGPL**	LW 71001,Alt-F	**01**
26.	Battery fuse box –ve Make : **SSK**	LW 71002,Alt-F	**01**
27.	Regulated battery charger(RBC CUM EBC) Make : **PI ENGG.WORKS** Sr no: **PI-19080070**	RDSO/PE/SPEC/AC/0183 (REV '1')	**01**
28.	5KVA Transformer Make: **BHASIN** SL.no : **09189961**	As Per EDTS-366,REV-NIL & CC-71510	**01**
29.	Capacitor Bank Make: **NEC SWITCHGEARS & CONTROLS** SL.no : **2019100606**	As per EDML-130 Rev-1,Corr-1	**01**
30.	60KVA transformer Make :**VIMAL** Sr no :**VTC-R-3089 LHB-2113**	As per rdso/pe/spec/ac/0080/rev-0 (2007)/Am-1&2/Corr. 1,2&3	**01**
31.	ZS coupling 400A/750V/03Ph/50hz. Make : **S.INTERNATIONAL**	As per spec No EDTS 105,Rev`e' Am-2	**02 sets**
32.	Feeder junction boxes. Make : **AECO**	EDTS-328 REV-C	**02**
33.	Wheel set earthling equipment. Make : **DARSHAN ENTERPRISES**	EDTS101,REV-C,AM-1	**02**
34.	Wheel Slide Protection System (WSP) Make: **KNORR** Sr no : **0119101420**	M/s : **KNORR**	**01 set**
35.	PANTRY EQUIPMENTS : Hot Case, Bottle cooler cum deep freezer Make :**NIL**	As per spec no EDTS 139, Rev- E ,Sec II.	**00**

SSE/EL/QC वरिष्ठ अनुभाग अभियन्ता गुणवत्ता नियंत्रण आरेबरेलीका / लालगंज / रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL	**AWM(ELECT.)/MCF/RBL** **SEE(P)/MCF/RBL** वरिष्ठ विद्युत अभियन्ता रेल कोच फैक्टरी, रायबरेली, Sr. Electrical Engineer / RCF / RBL