	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/2019-20/555

RLY	C	R	-	-	Coach No.	1	9	5	9	2	8	/	C	DATE OF DISPATCH	0	2	-	0	8	-	1	9

DISPATCH TO	SSE/STOCK/CSTM	Type	L	W	A	C	C	W	Shell No.	9	3	1	3	3	FUR.NO.	L2T(T)-63

1. Railway Board's Order No. : **2019/M(C)/142/2, Dated- 03.06.2019**
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 & Faiveley) letter no. MC/LHB/Brake, Dated 27.09.2018

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	4039
4.	CBC height/Buffer height from Rail level 1105 +0/-10	1) 1101 (NPPE) 2) 1102 (PPE)

6. **TRACEABILITY OF SHELL ITEMS:**

S NO	ITEM		MAKE/SUPPLIER		SERIAL NO			
1.	Under frame	Front	PP END	M/S- SFPL	04			
		Part	NPP END	M/S- SFPL	04			
		Complete	MCF/RBL		93133			
2.	Lav. side wall		M/S- RAIL FAB, KXH		LAV.1	-	LAV.2	-
			M/S- RAIL FAB, KXH		LAV.3	-	LAV.4	-
3.	Side wall	LH SIDE	MCF/RBL(V4U)		48			
		RH SIDE	MCF/RBL(V4U)		48			
4.	End wall	PP END	MCF/RBL /SIS		---			
		NPP END	MCF/RBL/ SIS		---			
5.	Roof		M/S -PIL		52			
6.	Centre Buffer Coupler		M/S- ESCORTS LTD.		PP END	9360	NPP END	9391

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/cm². ➢ Max. pressure in BC ➢ All Brake are applied	6 – 10 sec. 3.0 ±0.15 kg/cm². OK	08 sec. 3.0 kg/cm² OK
2.	Insensitivity	➢ Exhaust BP @ 0.3 kg/cm²/min.	No brake application	OK
3.	Sensitivity	➢ Exhaust BP @ 0.1 kg/cm²/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	90/88	24.05.19
2.	Insulation	Satisfactory				

वरि० अभियंता
गुणवत्ता विभाग
एम.सी.एफ.आर., रायबरेली (लालगंज)

MCF/RBL

MODERN COACH FACTORY, RAEBARELI

आधुनिक रेल डिब्बा कारख़ाना, 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/**2019-20/555**

RLY	C	R	-	Coach No.	1	9	5	9	2	8	/	C	-	DATE OF DISPATCH	0	2	0	8	2	0	1	9

DISPATCH	**SSE/STOCK/CSTM**	Type	L	W	A	C	C	W	Shell No.	9	3	1	3	3	FUR .NO	L2T-T-63

9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	190083				190084			
Bogie Type	FIAT				FIAT			
Frame no.	KANSAL-09				KANSAL-08			
Bolster no.	AMIT-32				AMIT-24			
Axle No	19 N – 4683 RWF		19 N – 4048 RWF		19 M - 3253 RWF		19 N- 4654 RWF	
Wheel Dia.	917.633	917.689	917.619	917.678	917.663	917.66	917.621	917.653
Wheel Disc No	TZ 07-18 26589-8RS0	TZ 05-18 33669-8PS6	TZ 07-18 26590-8RD0	TZ 05-18 35671-8MI2	TZ 05-18 25083-8PS2	TZ 05-18 18022-8MT9	TZ 07-18 36614-8RN5	TZ 05-18 20694-8MX5
R.B. Nos.	02-19 04306	02-19 04872	03-19 36405	02-19 05027	02-19 03409	02-19 05181	02-19 01235	02-19 01180
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.	AVADH RAIL INFRA LTD Sr.NO.10-18 765	AVADH RAIL INFRA LTD Sr.NO.10-18 789	AVADH RAIL INFRA LTD Sr.NO.10-18 752	AVADH RAIL INFRA LTD Sr.NO.10-18 902

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KNORR	15892,16949	15886,16953
2.	Primary outer Spring	CMFSK	05-18 7411-534(10,206,207,232)	05-18 7411-545(930,1461,932,1087)
3.	Primary Inner Spring	CMSTL	02-18 04A(5204,5215,5585,5367)	02-19 02A(5358,5167,5353,5257)
4.	Primary Damper	KNORR	02-19 (55208,53271,48326,55200)	02-19 (53856,53872,53871,53874)
5.	Secondary Damper	KNORR	01-19 (13866,13877)	02-19 (17011,16995)
6.	Lateral Damper	GABRIEL	11-18 1587	11-18 1580
7.	Brake Cylinder	KBI	B(2077,1470,1407,2085)K-29	B(2081,1447,1462,2082)K-29
8.	Brake Caliper	KBI	B(0124,0024,0135,0026) -29	B(0022,0129,0123,0023) -29
9.	Brake Disc	FAV	04-19(3049,3056,3050,3052)D-133561-300-1	03-19(1917,1918,2304,2303)D-133561-300-1
10.	Ball Joint Control Arm	AR/GMT		
11.	Lateral Bump Stop	AR/GMT		
12.	Traction Centre make	SF/SARITA		
13.	Traction lever make	JI		
14.	Ball joint traction lever	AR		
15.	Ball joint traction centre	GMT		
16.	Leveling Valve	ESCORT	**1812,1812**	**1812,1812**
17.	Check Valve	ESCORT/KNORR	**1812**	**16473**
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SF/PPI,SARITA/AR		
20.	Fork make	EMSON		
21.	Control Arm Upper	RVE	290119-2,290119-4,290119-2,30119-1	020219-1,101218-1,101218-1,121218-1
22.	Control Arm Lower	RVE	280119-2,080219-3,080219-3,290119-1	RVE,RVE,080219-3,080219-3
23.	Phonic Wheel	KNORR	K-03-19 640209	K-03-19 640209

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/2019-20/555

RLY	C	R	-	-	Coach No.	1	9	5	9	2	8	/	C	DATE OF DISPATCH	0	2	-	0	8	-	1	9

DISPATCH TO	SSE/STOCK/CSTM	Type	L	W	A	C	C	W	Shell No.	9	3	1	3	3	FUR.NO.	L2T(T)-63

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S- KBI, FARIDABAD	2619 15/19
2.	Distribution valve	M/S- KBI, FARIDABAD	2019 D 7377
3.	Pull box	M/S- KBI, FARIDABAD	
4.	FIBA	M/S- KBI, FARIDABAD	PP-7260/29 NPP-7106/29
5.	Foot Step	M/s- SUPER SPARKS PVT. LTD. FARIDABAD	
6.	D-coupling arrangement	M/S- ELASTOMER MUMBAI	
7.	Floor board	M/s- SHRI RAM PANELS, PUNJAB	
8.	PVC	M/S- RESPONSIVE IND.MUMBAI	
9.	UIC Vestibule (PPE)	M/S-SUNCREST IND.KOLKATA	
10.	UIC Vestibule (NPPE)	M/S-SUNCREST IND.KOLKATA	
11.	Gangway bridge mounting (PPE)	M/S- RAKASH INON STORE (RIS)KXH	
12.	Gangway bridge mounting (NPPE)	M/S- RAKASH INON STORE (RIS)KXH	
13.	Body Side Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
14.	Emergency Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
15.	Hopper Window	M/S- AIKON TECHNOLOGIES SALAN	
16.	Roof Ceiling	M/s-MSL (MOBILITY SOLUTION LTD.) MOHALI	
17.	Door way /gang way ceiling	M/S AMIR CHAND JALANDHER	
18.	Supply Air Duct	M/S- HANSPAL INDUSTRIES KXH	
19.	Partition panel	M/S- RAIL TECH KXH	
20.	Partition pillar	M/S- NAGINA ENG.WORKS/ ATHANEY ENGG.	
21.	Side Wall panel	M/s- HINDUSTAN FIBER GLASS, VADODRA (GUJARAT)	
22.	AC Trough	M/s-BHARAT FIBRE LKO	
23.	Body Side Doors	M/s- JVR IN, LDH	
24.	Compartment Door (PPE)	M/s- KALSI FAB PVT. LTD. LDH	
25.	Compartment Door (NPPE)	M/s- KALSI FAB PVT. LTD. LDH	
26.	Vestibule Door(PPE)	M/S- KALSI AUTOMATIC DOOR LDH	
27.	Vestibule Door(NPPE)	M/S- KALSI AUTOMATIC DOOR LDH	
28.	Bio Tank	M/s- FLASH FORGE (P)LTD. VIZAG	
29.	Auxiliary Water Tank	M/s- AMIT ENG. MOHALI	
30.	Under Slung Water Tank (2X685L)	M/s- RAIL FAB KXH	
31.	Under Slung Water Tank (1x450 L)	M/s- AMIT ENG. BADDI	
32.	Health Faucet	M/s- HINDUSTAN FIBER GLASS, VADODRA	
33.	Lotah Filler Tap	M/s- HINDUSTAN FIBER GLASS, VADODRA	
34.	Bib cock	M/s- JAQUAR PVT.LTD.ALWAR	
35.	Lavatory Modules	M/s- HINDUSTAN FIBER GLASS, VADODRA	
36.	Lavatory Doors	M/s- HINDUSTAN FIBER GLASS, VADODRA	
37.	Fire Extinguisher	M/S-CAPITAL FIRE.COM	PP-06999, NPP-07040
38.	Seat & Berth	M/S ANANYA RAIL COACH COMPONENTS IND. LLJ	
39.	Light Luggage Rack	M/S- LUCKY ENTT GUNGAON	
40.	Snack Table	M/S- INTERNATIONAL TRACTORS LTD. JALNDHAR	

वरि. प्रचालन अभियंता
SSE/QC/MCF/RBL
गुणवत्ता विभाग
रेणडिक्ट०, रायबरेली (लालगंज)

	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/2019-20/555

RLY	C	R	-	-	Coach No.	1	9	5	9	2	8	/	C	DATE OF DISPATCH	0	2	-	0	8	-	1	9

DISPATCH TO	SSE/STOCK/CSTM	Type	L	W	A	C	C	W	Shell No.	9	3	1	3	3	FUR.NO.	L2T(T)-63

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 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 qualityrcfrbl@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.

वरि0अभि0 अभियंता गुणवत्ता विभाग रे0डि0का0, रायबरेली (लालगंज) SSE/QC/MCF/RBL	वरिष्ठ यांत्रिक अभियन्ता/गुणवत्ता Senior Mechanical Engineer/Quality आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory Raebareli SME/QC/MCF/RBL	22/8/19 जोगिन्द Joginde गुणव Quality कारख tory, Rae Dy.CQM/MCF/RBL

2T-T-63

Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारख़ाना, रायबरेली	DOC NO.: MCF/RBL/QEF/8001 REV NO: 00 DATE:18.01.2017

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES

TYPE COACH	**LWACCW**	**SHELL/COACH NO**	**195928/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 PREACTICE 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	**19.96** Cub mtr/min	OK
3.2	Return Air	**73.09**Cub mtr/min	OK
3.3	Exhaust Air	**7.15** Cub mtr/min	OK
3.4	Conditioned Air	**162.03**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 :**21.8^{0}C** NPP Side :**22.4^{0}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

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG 2T 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	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

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli

ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
01.	Roof Mounted AC package unit for LHB AC coaches Make :**AMIT ENGG.** Sr no of RMPU 1(NPP side)**3619 E** Sr no of RMPU 2(PP side): **3621 E** Sr no of Microprocessor:**AE 19.02.206**	As per rdso/pe/spes/ac/0061/rev-1/2005	**02**
02.	Switch board cabinet Make :**AMIT ENGG.** Sr no :**AE/SB-874**	As per spec no .EDTS073,REV-D,AM-6	**01**
03.	Pump equipment with PLC controller& pump box Make: **DR AUTO** Sr no PA:**2019/05/19** Sr no.1:**19040182** Sr no.2:**19040273** Srno.CPA: **2019/06/178-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 :**INTEG**	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:**DR AUTO**	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:**VGS**	EDTS 151,Rev –c Am-1 & 2	**04**
09.	Lavatory light fitting assly Make:**DR AUTO**	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**

Senior Section Engineer
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ROLLING STOCK CERTIFICATE OF LHB/EOG 2T AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
11.	Reading light for longitudinal berth (LHS) Make:**AGASTYA**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F1	**9**
12.	Reading light for upper berth Make:**DR AUTO**	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**

Senior Section Engineer
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ROLLING STOCK CERTIFICATE OF LHB/EOG 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 :**08/18**	EDTS 129,Rev nil	**01 set**
24.	Battery box for LHB coaches. Make:**HITECH**	As per drgno 1 10113 0 76 700 005,Alt C	**01**
25.	Battery fuse box +ve Make : **RADIANT**	LW 71001,Alt-F	**01**
26.	Battery fuse box –ve Make : **ISGPL**	LW 71002,Alt-F	**01**
27.	Emergency battery charger Make :**MB & COMPANY** Sr no:**201906088** Make :**MB & COMPANY** Sr no: **201906081**	EDTS 163,Rev `c' corg.-2&3	**02**
28.	5KVA Transformer Make:**WAVES** SL.no : **WLDT 5E 19542**	As Per EDTS-366,REV-NIL & CC-71510	**01**
29.	Capacitor Bank Make: **KONTACT** SL.no :**KT-772**	As per EDML-130 Rev-1,Corr-1	**01**
30.	60KVA transformer Make :**VIMAL** Sr no :**VTC-R-3089 LHB-493**	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 : **MAA LAXMI INDUSTRIES**	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 : **CHANDA & CHANDA**	EDTS101,REV-C,AM-1	**02**
34.	Wheel Slide Protection System (WSP) Make: **KNORR** Sr no : **0119071119**	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 आ०रे०डि०का० / लालगंज / रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL	**AWM(ELECT.)/MCF/RBL** **DYCEE/PLG/MCF/RBL** स० कार्य प्रबन्धक / विद्युत आ०रे०डि०का० / रायबरेली A.W.M./Electrical/MCF/RBL