	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/2019-20/180

RLY	C	R	-	Coach No.	1	9	3	7	5	1	/	C	DATE OF DISPATCH	1	7	-	0	5	-	1	9

DISPATCH TO	SSE/STOCK/ CSTM	Type	L	W	A	C	C	W	Shell No.	8	2	0	6	1	FUR.NO.	L2T-286

1. Railway Board's Order No. : **2019/M(C)/142/2, Dated- 30.04.2019**
2. Tare Weight of Coach : 44.5 Tonnes
3. Carrying Capacity : (a) Seating: 52 (b) Sleeping: 52 (c) Luggage: NIL

4. 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) 1103 (NPPE) 2) 1105 (PPE)

5. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM		MAKE/SUPPLIER		SERIAL NO			
1.	Under frame	Front Part	PP END	M/S-SICO	1336			
			NPP END	M/S- SICO	1328			
		Complete	MCF/RBL /SIS		56			
2.	Lav. side wall		M/S- RAIL TECH, KXH		LAV.1	-	LAV.2	-
			M/S- RAIL TECH, KXH		LAV.3	-	LAV.4	-
3.	Side wall	LH SIDE	MCF/RBL(CONTRACTOR V4U)		61/01			
		RH SIDE	MCF/RBL(CONTRACTOR V4U)		61/02			
4.	End wall	PP END	MCF/RBL/SIS		---			
		NPP END	MCF/RBL/SIS		---			
5.	Roof		M/S – DTL PUNE		38			
6.	Centre Buffer Coupler		M/s- FRONTIER LTD.		PP END	97 P1	NPP END	58 P2

6. 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	07 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

7. 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 –GS	SUPPLY TO APPLY	90/88	23.02.19
2.	Insulation	Satisfactory				

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SSE/QC/MCF/RBL
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MCF/RBL

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/**2019-20/180**

RLY	C	R	-	Coach No.	1	9	3	7	5	1	/	C	-	DATE OF DISPATCH	1	7	0	5	2	0	1	9

DISPATCH	SSE/STOCK/CSTM	Type	L	W	A	C	C	W	Shell No.	8	2	0	6	1	FUR .NO	L2T-286

8. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	190326				190325			
Bogie Type	FIAT				FIAT			
Frame no.	VS-1642				VS-1641			
Bolster no.	MCF/RBL-2674				MCF/RBL-2720			
Axle No	18 J– 1142 RWF		18 J - 1417 RWF		18 J - 2000 RWF		18 J - 1855 RWF	
Wheel Dia	917.668	917.673	917.674	917.578	917.715	917.655	917.682	917.687
Wheel Disc No	TZ 12-18 15172-8WJ3	TZ 12-18 12869-8WS1	TZ 11-18 08894-8WN8	TZ 10-18 00216-8WI0	TZ 11-18 07082-8WG8	TZ 11-18 06403-8WT0	TZ 11-18 06382-8WT0	TZ 11-18 06896-8WN6
R.B. Nos.	05-18 13207	05-18 11623	05-18 13146	05-18 13159	05-18 13149	05-18 40267	05-18 40587	05-18 39439
CT R B Make	SKF		SKF		SKF		SKF	

9. 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.	CMRSK09-16-R72-18Y-1052	CMRSK12-18-F19-S46-19A-1584	CMRSK05-18-F18-R02-18Y-1294	CMRSK12-18-F19-S46-19A-1501	CMRSK05-18-F08-R03-18Y-251	CMRSK12-18-F19-S46-19A-1639	CMRSK05-18-F08-R04-18Y-201	CMRSK05-18-F08-N73-08Y-1508
Compressed Ht. at Tested Load	510	468	508	468	511	468	511	468
Alignment deviation (mm)	20	27	19	27	13	35	12	34

10. TRACEABILITY 9OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	KNORR	12059,12050	12674,12667
2.	Primary outer Spring	CMFSK	03-19 7411-545(1169,1187,955,872)	03-19 7411-545(900,156,970,863)
3.	Primary Inner Spring	CMSTL	01-19 02A(2229,2852,2909,3506)	02-18 02A(3526,2818,1855,2996)
4.	Primary Damper	IAI	01-19 (236462,236636,236766,236418)	01-19 (236140,236082,236165,236152)
5.	Secondary Damper	KNORR	12-18 (13768,13522)	12-18 (13756,13528)
6.	Lateral Damper	IAI/KNORR	02-19 241227	03-18 2264
7.	Brake Cylinder	FAV	(C19-134,B19-685,C19-002,083)	(C19-054,093,B19-696,C19-133)
8.	Brake Caliper	FAV	C19(872,870,838,840)B	C19(839,837,869,871)B
9.	Brake Disc	KBI	24172301 0071-04/19,24172293 0015-03/19 24172302 0049-04/19,24172302 0050-04/19	24172290 0027-02/19,24172291 0012-02/19 24172293 0016-03/19,24172293 0007-03/19
10.	Ball Joint Control Arm	AR		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	SARITA		
13.	Traction lever make	JI		
14.	Ball joint traction lever	MGN		
15.	Ball joint traction centre	AR		
16.	Secondary Rubber Pad	PRAG		
17.	Rubber Spring	AR		
18.	Anti roll bar Make	EMSON		
19.	Roll Link make	SARITA /AR		
20.	Fork make	EMSON		
21.	Control Arm Upper	RVE	190119-2,051218-1,190119-3,180119-3	190119-2,180119-3,RVE,051218-1
22.	Control Arm Lower	RVE	061218-3,RVE,061218-3,061218-2	RVE,RVE,250119-1,011218-1
23.	Phonic Wheel	FAV	FT/KEP/1548	FT/KEP/1548

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/2019-20/180

RLY	C	R	-	Coach No.	1	9	3	7	5	1	/	C	DATE OF DISPATCH	1	7	-	0	5	-	1	9

DISPATCH TO	SSE/STOCK/ CSTM	Type	L	W	A	C	C	W	Shell No.	8	2	0	6	1	FUR.NO.	L2T-286

11.TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	N18060 B
2.	Distribution valve	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	18125521 B
3.	Pull box	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	
4.	Foot Step	M/s- SUPER SPARKS PVT. LTD. FARIDABAD	
5.	D-coupling arrangement	M/S- KOHINOOR KR, MUMBAI	
6.	Floor board	M/s- TWPL MUMBAI	
7.	PVC	M/S RESPONSIVE IND.MUMBAI	
8.	UIC Vestibule (PPE)	M/S-SUNCREST IND.KOLKATA	
9.	UIC Vestibule (NPPE)	M/S-SUNCREST IND.KOLKATA	
10.	Gangway bridge mounting (PPE)	M/S- MAHAVEER MATEL WORKS, KAPURTHALA	
11.	Gangway bridge mounting (NPPE)	M/S- MAHAVEER MATEL WORKS, KAPURTHALA	
12.	Body Side Window	M/s- BIRKON ENGG.GZB	
13.	Emergency Window	M/s- BIRKON ENGG.GZB	
14.	Hopper Window	M/S- SHATABDHI SAFETY GLASS, VADODARA	
15.	Roof Ceiling	M/s- HINDUSTAN FIBER GLASS, VADODRA (GUJARAT)	
16.	Door way /gang way ceiling	M/S- AMIRCHAND ENGG.WORKS, JALANDHAR	
17.	Supply Air Duct	M/s- GANDHI SAFE & ALLIED INDUS. JALANDHAR	
18.	Partition panel	M/S- UNIVERSAL METAL TEK, NOIDA	
19.	Partition pillar	M/S-RAIL FAB KXH	
20.	Side Wall panel	M/s- KINECO PVT.LTD. GOA	
21.	AC Trough	M/S- AISHNA FIBER BARABANKI	
22.	Body Side Doors 1,3	M/s- SVARN INFRATEL PVT. LTD. PALWAL(HRY)	
23.	Body Side Doors 2,4	M/S- JVR INDS LDH	
24.	Compartment Door (PPE)	M/S- HANSPAL TRADERS, KXH	
25.	Compartment Door (NPPE)	M/S- HANSPAL TRADERS, KXH	
26.	Vestibule Door(PPE)	M/S- JBM INDUSTRIES, FARIDABAD	
27.	Vestibule Door(NPPE)	M/S- JBM INDUSTRIES, FARIDABAD	
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- AMIT ENG.MOHALI	
31.	Under Slung Water Tank (1x450 L)	M/s- AMIT ENG.BADDI	
32.	Flexible Faucet	M/S-ARHAM HI-TECH DEG. SOLUTION PVT.LTD. MUMBAI	
33.	Lotah Filler Tap	M/S-ARHAM HI-TECH DEG. SOLUTION PVT.LTD. MUMBAI	
34.	Bib cock	M/s- JAQUAR PVT.LTD. ALWAR	
35.	Lavatory Modules	M/S-ARHAM HI-TECH DEG. SOLUTION PVT.LTD. MUMBAI	
36.	Lavatory Doors	M/S-ARHAM HI-TECH DEG. SOLUTION PVT.LTD. MUMBAI	
37.	Fire Extinguisher	M/S- AGGRAWAL FIRE SERVICE LTD. (ATASEE)	PP-8320,NPP-8200
38.	Seat & Berth	M/S- ORIENTAL VENEER PRODUCTS MUMBAI	
39.	Light Luggage Rack	M/S- TECHNO INDUSTRIES, ALLAHABAD	
40.	Snack Table	M/s- DLJM, NOIDA	

SSE/QC/MCF/RBL

वरि. मंडल अभियंता
गुणवत्ता विभाग
रे०डि०का०, रायबरेली (लालगंज)

MCF/RBL

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/2019-20/180

RLY	C	R	-	Coach No.	1	9	3	7	5	1	/	C	DATE OF DISPATCH	1	7	-	0	5	-	1	9

DISPATCH TO	SSE/STOCK/ CSTM	Type	L	W	A	C	C	W	Shell No.	8	2	0	6	1	FUR.NO.	L2T-286

12. MODIFICATION (IF ANY) : NIL

13. DEVIATION (IF ANY) : NIL

14. ITEM FITTED ON THE COACH ON TRIAL : NIL

S NO	ITEM PARTICULARS	PURPOSE	REPORT Frequency	REFERENCE & PERIOD OF TRIAL

15. 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.

SSE/QC/MCF/RBL	SME/QC/MCF/RBL	Dy.CQM/MCF/RBL

वरिष्ठ कार्यपालक अभियंता
गुणवत्ता विभाग
रेलडिब्बा कारखाना, रायबरेली (भारतगंज)

Senior Mechanical Engineer/Quality
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory, Raebareli

Senior Metallurgist
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory, Raebareli

MCF/RBL

2T- 286

MCF/RBL

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**	**193751/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	**51.82**Cub mtr/min	OK
3.3	Exhaust Air	**6.74**Cub mtr/min	OK
3.4	Conditioned Air	**192.37**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 :**21.5 ^{0}C** NPP Side :**22.1 ^{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
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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):**3308 B** Sr no of RMPU 2(PP side): **3339 B** Sr no of Microprocessor: **AE 17.09.193**	As per rdso/pe/spes/ac/0061/rev-1/2005	**02**
02.	Switch board cabinet Make :**ABROL** Sr no :**41-04/2019**	As per spec no .EDTS073,REV-D,AM-6	**01**
03.	Pump equipment with PLC controller& pump box Make: **DR AUTO** Sr no PA:**2019/02/059** Sr no.1:**19010836** Sr no.2:**19010571** Srno.CPA:**2019/02/071-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:**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:**A PAUL INSTRUMENT**	EDTS 151,Rev –c Am-1 & 2	**04**
09.	Lavatory light fitting assly Make:**ARHAM**	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
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
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:**DR AUTO**	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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Modern Coach Factory Raebareli

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 :**01/18**	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 :**AECO**	LW 71001,Alt-F	**01**
26.	Battery fuse box –ve Make :**NEC**	LW 71002,Alt-F	**01**
27.	Emergency battery charger Make : **BHASIN** Sr no:**03190118** Make : **BHASIN** Sr no:**03190109**	EDTS 163,Rev `c' corg.-2&3	**02**
28.	5KVA Transformer Make:**BHASIN** SL.no :**11182910**	As Per EDTS-366,REV-NIL & CC-71510	**01**
29.	Capacitor Bank Make: **KONTACT** SL.no :**KT-580**	As per EDML-130 Rev-1,Corr-1	**01**
30.	60KVA transformer Make :**VIMAL** Sr no :**VTC 3089 LHB-4546**	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 :**NEC**	EDTS-328 REV-C	**02**
33.	Wheel set earthling equipment. Make :**DARSHAN INTERPRISES**	EDTS101,REV-C,AM-1	**02**
34.	Wheel Slide Protection System (WSP) Make: **FAIVELEY** Sr no :**01/19/134**	M/s : **FAIVELEY**	**01 set**
35.	PANTRY EQUIPMENTS : Hot Case, Bottle cooler cum deep freezer Make :**ZUMAX**	As per spec no EDTS 139, Rev- E ,Sec II.	**01**

SSE/EL/QC वरिष्ठ अनुभाग अभियन्ता गुणवत्ता नियंत्रण आ०रे०डि०का० / लालगंज / रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL	**SEE(P)/MCF/RBL/ DYCEE/P&P/MCF/RBL** स० कार्य प्रबन्धक / विद्युत आ०रे०डि०का० / रायबरेली A.W.M./Electrical/MCF/RBL