



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/2020-21/182

RLY	CR	COACH NO	204081/C	DATE OF DISPATCH	21-Jul-20
Type	LWFAC	Shell No.	91049	DISPATCH TO	SSE/STOCK/CR/BB
				FUR.NO.	FAC-20

1. Railway Board's Order No. : 2019/M(C)/142/2, DATED-18.12.2019

2. Tare Weight of Coach : Tonnes

3. Carrying Capacity : (a) Seating: 24 (b) Sleeping: 24 (c) Luggage: NIL

4. 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

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	NPP /PP 1105/1104

6. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1	Under frame	Front PP END	M/S-KANSAL ENGG 12
		Part NPP END	M/S-KANSAL ENGG 12
		Complete	M/S-KANSAL ENGG 12
2	Lav. side wall	M/S-KANSAL ENGG	LAV.1
		M/S-KANSAL ENGG	LAV.2
3	Side wall	M/S-KANSAL ENGG	LAV.3
		M/S-KANSAL ENGG	LAV.4
4	End wall	LH SIDE	11
		RH SIDE	11
5	Roof	PP END	M/S-KANSAL ENGG
		NPP END	M/S-KANSAL ENGG
6	Centre Buffer Coupler	M/S-KANSAL ENGG	13
		M/s-ESCORTS	PP END 3266 NPP END 3268

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.	7 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	GSI	M/S-GS	76/96	06-Jul-20
2	Insulation			Satisfactory		

SSE/QC/MCF/RBL

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रेलवे कारखाना, रायबरेली (लालगंज)



MODERN COACH FACTORY, RAEBARELI

आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002

REV NO.: 01

DATE: 16.05.2016

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RLY	C	R	-	Coach No.	2	0	4	0	8	1	/	C	-	DATE OF DISPATCH	2	1	0	7	2	0	2	0
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DISPATCH	SSE/STOCK/CR/BB	Type	L	W	F	A	C	-	Shell No.	9	1	0	4	9	FUR .NO	FAC-20
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9. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	193537				193538			
Bogie Type	FIAT				FIAT			
Frame no.	WIL-540				WIL-416			
Bolster no.	SCI-512				SECPL-649			
Axle No	20T - 8295 RWF		19 T - 7321 RWF		20 V - 0699 RWF		20 T - 8671 RWF	
Wheel Dia	917.337	917.482	917.428	917.381	917.417	917.501	917.386	917.484
Wheel Disc No	TZ 05-19 43391-9PC7	TZ 07-19 63817-9RR8	TZ 11-19 77454-9WE6	TZ 11-19 85240-9WM6	TZ 04-19 38802-9OI3	TZ 04-19 38801-9OI3	TZ 11-19 76226-9VD7	TZ 11-19 77450-9VE6
R.B. Nos.	11-19 33798	11-19 33346	11-19 33446	12-19 34684	12-19 35509	12-19 35255	12-19 35475	12-19 44865
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 02-19 1374	AVADH RAIL INFRA LTD 02-19 1322	AVADH RAIL INFRA LTD 02-19 1415	AVADH RAIL INFRA LTD 02-19 1333

11. TRACEABILITY OF BOGIE ITEMS :-

S. NO	ITEM	MAKE/SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	IAI	278493,273236	273182,266897
2.	Primary outer Spring	CMAFI	07-19 7411 (294,60,43,46)	07-19 7411 (37,59,58,61)
3.	Primary Inner Spring	CMSTL	02-19-F02-545 (7854,7805,8025,4447)	02-19-F02-545 (8094,6841,7269,6970)
4.	Primary Damper	IAI	05-19 (255121,255317,255247,255214)	05-19 (255340,255192,255265,255106)
5.	Secondary Damper	IAI	09-19(274390,274430)	09-19(268331,777518)
6.	Lateral Damper	IAI	09-19 274798	09-19 258543
7.	Brake Cylinder	KBI	C(700,680)K29,B(9712,9704)K29	C(703,9709,0696)K29,B(9720)K29
8.	Brake Caliper	KBI	B(7456,7660,7659,7455)-29	B(7452,7658,7657,7454)-29
9.	Brake Disc	FAV	01-20(1085,997,589,592)D133561-300	01-20(1107,907,1021,1019)D133561-300
10.	Ball Joint Control Arm	GMT		
11.	Lateral Bump Stop	ARYAN		
12.	Traction Centre make	SARITA		
13.	Traction lever make	JJ		
14.	Ball joint traction lever	GMT		
14.	Ball joint traction centre	GMT		
16.	Leveling Valve	ESCORT	1912,1912	1909,1910
17.	Check Valve	ESCORT	1912	1909
18.	Anti roll bar Make	RF		
19.	Roll Link make	SARITA/GMT		
20.	Fork make	RNG		
21.	Control Arm Upper	RV	191119-2,191119-2,191119-2,191119-2	231119-2,21119-1,231119-4,221119-3
22.	Control Arm Lower	RV	231119-3,231119-1,25119-3,11119-3	221119-4,231119-2,221119-3,131019-4
23.	Phonic Wheel	KBI	K 10-19	K 10-19

Signature of SSE/Bogie/QC



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				FUR.NO.	FAC-20

12. TRACEABILITY OF FURNISHING ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO(NPP/PP)
1	Air Brake Module	M/S- KBI, FARIDABAD	4367 49/19
2	Distribution valve	M/S- KBI, FARIDABAD	2019 M 9703
3	Pull box	M/S- KBI, FARIDABAD	
4	FIBA	M/S- KBI, FARIDABAD	7364/29,7182/29
5	Foot Step	M/S- H F GLASS WORKS VADODARA	
6	Decoupling arrangement	M/S- KOHINOOR LTD, MUMBAI	
7	Floor board	M/s- OVPL MUMBAI	
8	PVC	M/S- H F GLASS WORKS VADODARA	
9	UIC Vestibule (PPE)	M/S-SUNCREAST KOLKATA	
10	UIC Vestibule (NPPE)	M/S- SUNCREAST KOLKATA	
11	Gangway bridge mounting (PPE)	M/S- MMW KXH	
12	Gangway bridge mounting (NPPE)	M/S- MMW KXH	
13	Body Side Window	M/S- H F GLASS WORKS VADODARA	
14	Emergency Window	M/S- H F GLASS WORKS VADODARA	
15	Lavatory/hopper Window	M/S- H F GLASS WORKS VADODARA	
16	Roof Ceiling	M/S- H F GLASS WORKS VADODARA	
17	Door way /gang way ceiling	M/S- H F GLASS WORKS VADODARA	
18	Supply Air Duct	M/S- H F GLASS WORKS VADODARA	
19	Partition panel	M/S- H F GLASS WORKS VADODARA	
20	Partition pillar	M/S- H F GLASS WORKS VADODARA	
21	Side Wall panel	M/S- H F GLASS WORKS VADODARA	
22	AC Trough	M/S- H F GLASS WORKS VADODARA	
23	Body Side Doors	M/S- H F GLASS WORKS VADODARA	
24	Compartment Door (PPE)	M/S- H F GLASS WORKS VADODARA	
25	Compartment Door (NPPE)	M/S- H F GLASS WORKS VADODARA	
26	Vestibule Door(PPE)	M/S- H F GLASS WORKS VADODARA	
27	Vestibule Door(NPPE)	M/S- H F GLASS WORKS VADODARA	
28	RMPU	M/S-AMIT ENGG. BADDI	
29	Bio Tank	M/S-JSL LIFE STYLE	
30	Pressurized flushing with ele pneu.system	M/S-IMI	
31	Auxiliary Water Tank	M/S-AMIT ENGG.MOHALI	
32	Under Slung Water Tank (2X685L)	M/S-SHIVALIK FAST MOHALI	
33	Health Faucet	M/S- H F GLASS WORKS VADODARA	
34	Lotah Filler Tap	M/S- H F GLASS WORKS VADODARA	
35	Bib cock	M/s- JAQUAR PVT.LTD.ALWAR	
36	Lavatory Modules	M/S- H F GLASS WORKS VADODARA	
37	Lavatory Doors	M/S- H F GLASS WORKS VADODARA	
38	Fire Extinguisher	M/s-DEVIKA FIRE	1219/1354
39	Automatic smoke & heat Detection with alarm System	M/S-SANROK ENTERPRISES FARIDABAD	
40	Auto janitor	M/S- H F GLASS WORKS VADODARA	
41	Shower room	M/S- H F GLASS WORKS VADODARA	
42	Odour control system(08 NOS)	M/S- H F GLASS WORKS VADODARA	
43	Seat & Berth	M/S- H F GLASS WORKS VADODARA	
44	Light Luggage Rack	M/S- H F GLASS WORKS VADODARA	
45	Snack Table	M/S- H F GLASS WORKS VADODARA	
46	Venturi grill	M/S- H F GLASS WORKS VADODARA	
47	RFID	NIL	

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				FUR.NO.	FAC-20

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 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.

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वरि०अनु० अभियंता
गुणवत्ता विभाग
रेडि०का०, रायबरेली (लालगंज)

वरि० यंत्रिका अभियंता/गुणवत्ता
Senior Mechanical Engineer/Quality
आधुनिक रेल डिब्बा कारखाना, रायबरेली
Modern Coach Factory Raebareli

Dy.COM/MCF/RBL
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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

ELECTRICAL TEST CERTIFICATE FOR LHB FIRST AC COACH							
TYPE COACH		LWZFAC		SHELL/COACH NO		204081/C	
RAILWAY		CR	ELECT.FIT DATE		13-07-2020	FUR.NO	FAC-20
Sr no	Description of tests						Remarks
1.0	AIR DELIVERY MEASUREMENT			OBSERVED VALUE		OK	
1.1	Fresh Air			23.65 Cub mtr/min		OK	
1.2	Return Air			75.62 Cub mtr/min		OK	
1.3	Exhaust Air			6.38 Cub mtr/min		OK	
1.4	Conditioned Air			164.98 Cub mtr/min		OK	
2.0	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 : 20.9 °C NPP Side : 20.7 °C						OK
3.0	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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ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

ELECTRICAL TEST CERTIFICATE FOR LHB FIRST AC COACH

Sr no	Description of test	Remarks
4.0	HUMIDITY CONTROL	OK
5.0	PUMP EQUIPMENTS	OK
6.0	WORKING OF EXHAUST FANS OVER LAVATORIES	OK
7.0	WORKING OF COMPOSITE PANTRY	OK
8.0	WORKING OF BERTH READING LIGHTS	OK
9.0	WORKING OF COMPARTMENT LIGHT	OK
10.0	WORKING OF BRACKET FAN	OK
11.0	WORKING OF PUBLIC ADDRESSING SYSTEM (PAS)	OK
12.0	WORKING OF ANNUNCIATOR SYSTEM	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	SAFETIES :	--
18.1	OHP :	OK
18.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
18.3	LP/HP GAUGE	OK
19.0	HYGROSTAT	OK
20.0	CONTROL CIRCUIT	OK
21.0	POWER CIRCUIT	OK
22.0	REFRIGERANT USED R 407C	OK

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ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

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) : 4386 L Sr no of RMPU 2(PP side): 4184 L Sr no of Microprocessor. : AE 19.11.051	As per rdso/pe/spes/ac/0061/rev-1/2005	01 Set
02.	Switch board cabinet Make : ISG Sr no : SBC-MCF-19-09-0016	As per spec no. RDSO/PE/SPEC/AC/0184-2015(REV.0)	01 no.
03.	Pump equipment with PLC controller & pump box Make: DR AUTO PA Sr.no: 2001/0071 Sr no.1: 19110474 Sr no.2 : 19110573 Sr.no.CPA: 2017/12/0052-DR AUTO	As per spec EDTS 186,Rev-a, Am- 2	01 Set
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cummtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : EYYANI	EDTS331, TYPE-1 CORR.-1&2	02 no.
05.	Provision of Passenger area Light(Cabin/Corridor) Make: DR AUTO	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	12 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: ENSAVE	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	12no.
08.	Mounting of Cabin/Corridor Light with Night light	As per drg no. LW 76091.	OK
09.	Provision & mounting of Doorway/Gangway light. Make: FIEM IND.	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N & Drg no. LW 76099	08 no.
10.	Provision & Mounting of PACIL Assly. Make: KAVERI	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-I Drg no. LW 76098.	02 no.

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Sr no	Description	Drg/Spec no.	Quantity per Coach
11.	Provision & Mounting of WC light. Make: DHINGRA	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: IMT	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.	PA system for LHB coaches Make: AHUJA	EDTS 173,Rev- a Am-1,2&3	01 Set
15.	Provision of terminal strip complete	As per EDML-033 Rev – C,Drg no. LW76054	01 Set
16.	Diffuser complete w/o item 1 & 2.	LW 76012,Alt-a	OK
17.	Plug & socket distribution board 20A,240 V AC Make: SSK	As per Drg. No. LA 72200,Alt-A or Latest.	01 no.
18.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 2 no. ON_ OFF switches. Make: SSK	As per spec EDML-064,REV-B,Am-1 Item 11.Drg. no. LW74202 alt 'c'	04 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: SSK	As per spec EDML-064,REV-B,Am-1 alt 'c' Item 16,Drg. No. LW74202	12 no.
20.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plate with 1 no. push bell & 2 no. ON_ OFF switches and 1 no. 5-pin socket 6A,250V AC with 1.0 Amp glass fuse. Make: SSK	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-9,Drg. No. LW74202	04 no.


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Sr no	Description	Drg/Spec no.	Quantity per Coach
21.	Provision of switch plate assembly complete with polycarbonate cover frame and powder coated steel plat & 2 no. ON_ OFF switches 6A,250 V AC at corridor area. Make: SSK	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-1,Drg. No. LW74202	04 no.
22.	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 fuse at cabin/Attendant area. Make: SSK	As per spec EDML-064,REV-B,Am-1 alt 'c' Item-5,Drg. No. LW74202	05 no.
23.	Bracket Fan 225 MM Sweep wall bracket type,110 V AC and crash worthy features as per RCF AM-1(Type-IV) Make: PARAS	IS:6680-92 with RDSO Annexure-H(Dec-2005) or latest	01 no.
24.	Provision & Mounting of reading light for upper berth. Make : DEVINTEC	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F1 & Drg no LW 76094 -	12 no.
25.	Provision & Mounting of reading light for transverse berth (RHS) Make: RT VISION	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F3 & Drg no LW 76095 -	05 no.
26.	Provision & Mounting of reading light for berth transverse (LHS) Make: AGASTYA	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-F4 & Drg no LW 76096 -	07 no.
27.	Provision of Cable Jacket ,Size 06Nominal width 25mm ,Length -1000mm	As per spec no. EDTS 0138, Item 09	OK
28.	Annunciator System complete Make: V.S INSTRUMENT	As per EDTS 117,Rev-A	01 set
29.	Provision of Inter Vehicle coupler Make: MAA LAXMI INDUSTRIES	As per RDSO PE SPEC-0177-2013 REV-0	01 set
30.	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 : 11/19	EDTS 129,Rev nil	01 set

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



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आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

DATE: 28.08.2019

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ROLLING STOCK CERTIFICATE OF LHB FIRST AC COACH

Sr no	Description	Drg/Spec no.	Quantity per Coach
31.	Battery box for LHB coaches. Make: HITECH	As per drgno 1 10113 0 76 700 005,Alt C	01 no.
32.	Battery fuse box +ve Make : RICHMOND	LW 71001,Alt-F	01 no.
33.	Battery fuse box -ve Make : RICHMOND	LW 71002,Alt-F	01 no.
34.	Regulated battery charger Make : ELECTRONIC Sr no : 12190693	RDSO/PE/SPEC/AC/018 3 (REV -0)	01 no.
35.	Emergency battery charger Make : N/A Sr no: N/A	EDTS 163,Rev 'c' corg.- 2&3	00 no.
36.	Provision of 5 KVA TFR Make: WAVES SL.no. WLDT5L 19682	As Per EDTS-366,REV- NIL & CC-71510	01 no.
37.	Provision of capacitor Bank Make: RICHMOND SL.no. 344057	As per EDML-130 Rev- 1,Corr-1	01 no.
38.	60KVA transformer Make : VIMAL Sr no : VTC-R-3089-LHB-3226	As per rdso/pe/spec/ac/0080/rev -0 (2007)/Am-1&2/Corr. 1,2&3	01 no.
39.	Feeder junction boxes. Make : MV ELECTRO SYSTEMS	EDTS-328 REV-C	01 set
40.	Wheel set earthing equipment. Make : DARSHAN ENTERPRISES	EDTS101,REV-C,AM-1	01 set
41.	Wheel Slide Protection System (WSP) Make: KNORR Sr no : 0119372794	M/s : KNORR	01 set
42.	Provision of External supply Socket 125A/415V/IP67/5-Pole (3Ph+1N+1E) complete with pilot contacts. Make: JAI BALAJI	Cat no. 1948036/UIV4125- 6 with RCF annexure-A	02 nos
43.	PANTRY EQUIPMENTS : Hot Case, Bottle cooler cum deep freezer Make : N/F	As per spec no EDTS 139, Rev- E ,Sec II.	00 set

 SSE/EL/QC वरिष्ठ अनुभाग अभियन्ता गुणवत्ता नियंत्रण आपरेटिंगका/लालगंज/रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL	 AWM(ELECT.)/MCF/RBL SEE(P)/MCF/RBL सं कार्य प्रबन्धक/विद्युत आपरेटिंगका/रायबरेली A.W.M./Electrical/MCF/RBL
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