L3T - 1099

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/2018-19/1075

RLY	C	R	-	Coach No.	1	9	1	3	6	9	/	C	DATE OF DISPATCH	2	4	-	0	1	-	1	9

DISPATCH TO	SSE(STOCK)/ CSTM	Type	L	W	A	C	C	N	Shell No.	8	3	3	3	2	-	2	0	1	8	-	1	9

1. Railway Board's Order No. : **2018/M(C)/142/2 dated -23-01-2019**
2. Tare Weight of Coach : 45.6 Tonnes
3. Carrying Capacity : (a) Seating: 72 (b) Sleeping: 72 (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	4250
4.	CBC height/Buffer height from Rail level 1105 +0/-10	1) 1098 (NPPE) 2) 1097 (PPE)

5. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM		MAKE/SUPPLIER	SERIAL NO
1.	Under frame	Front Part	PP END M/S- E C	10-2018
			NPP END M/S- E C	10-2018
		Complete	MCF/RBL	83332
2.	Lav. side wall		MCF/RBL(CONTRACTOR V4U)	LAV.1 659 LAV.2 660
			MCF/RBL(CONTRACTOR V4U)	LAV.3 661 LAV.4 662
3.	Side wall	LH SIDE	MCF/RBL(CONTRACTOR V4U)	325/01
		RH SIDE	MCF/RBL(CONTRACTOR V4U)	325/02
4.	End wall	PP END	M/S- P.D STEEL, PANCHKULA	---
		NPP END	M/S –P.D STEEL, PANCHKULA	
5.	Roof		M/S- PIL, THIRUVALLUR	25
6.	Centre Buffer Coupler		M/S- DELLNER INDIA PVT LTD.	PP END 3010 NPP END 3009

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	06 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
1.	Paint	P.U	M/S–BARGER	SUPPLY & APPLY	90/89
2.	Insulation		Satisfactory		

SSE/QC/MCF/RBL

वरिष्ठ खण्ड अभियंता
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/**1075**

Coach No.	1	9	1	3	6	9	/	C	-	DATE OF DISPATCH	2	4	.	0	1	.	1	9

RLY	C	R	-	-	Type	L	W	A	C	C	N	Shell No.	8	3	3	3	2	-	-	-	-	-	-		-

8. DETAIL OF BOGIES:

ITEMS	NPP Side				PP Side			
Bogie No	182416				182415			
Bogie Type	LWACCN				LWACCN			
Frame no.	SCI-2230				SCI-2229			
Bolster no.	APEX-77				VS-330			
Axle No	18G– 2569 RWF		18 G – 3025 RWF		18 F - 8095 RWF		18 G - 2791 RWF	
Wheel Dia	917.439	917.556	917.543	917.706	917.559	917.726	917.426	917.520
Wheel Disc No	*TZ-08-18 45515-8RN2*	*TZ-07-18* 33695-8RG5	*TZ-03-18* 08749-8MS2	*TZ-03-18* 08746-8MT6	*TZ-05-18 16822-8MV2*	*TZ-04-18* 12464-8MX6	*TZ-08-18* 45514-8RN2	*TZ-03-18* 09988-8MT3
R B. Nos.	*05-18 39827*	05-18 28538	02-18 12685	05-18 39605	05-18 28537	*02-18 12681*	05-18 38765	05-18 39167
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.	CMRSK08-18-F16-S34-16Y-672	CMRSK10-18-9513-475-79	CMRSK08-18-F16-S34-16Y-394	CMRSK10-18-9513-475-52	CMRSK05-18F16-S39-16Y-608	CMFSK10-18-9513-475-103	CMRSK08-18F16-S07-16Y-577	CMFSK10-18-9513-475-48
Compressed Ht. at Tested Load	509	464	510	468	515	463	515	465.5
Alignment deviation (mm)	6	9	5	7	9	10	9	10

10. TRACEABILITY OF BOGIE ITEMS:

S. NO	ITEM	MAKE/ SUPPLIER	SERIAL NO.	
			NPP SIDE	PP SIDE
1.	Yaw Damper	GEREP	13418,14544	14549,14368
2.	Primary outer Spring	CMRSK	08-18 –F03-S29-03Y–(1238,3421,1282,1552)	08-18 -03Y (6045,5038,5036,5039)
3.	Primary Inner Spring	CMRSK	10-18-04Y-(3773,5805,6041,5404)	10-18 04Y-(6021,5879,5782,6353)
4.	Primary Damper	KNOOR/ESCORT	11-18(13000,12988,12997,13006)	08-18 6661,05-18 6786,08-18(6812,6759)
5.	Secondary Damper	SV	12-17-019950	12-17 019950
6.	Lateral Damper	GB	11-18 51001	11-18 0012
7.	Brake Cylinder	FAV	L18(636,561,549,637)	L18(649,554,553,243)
8.	Brake Caliper	FAV	M18(611,609,610,612)B	M18(652,650,649,651)B
9.	Brake Disc	FAV	11-18 (6310,6311,6312,6313)- D133561-300	11-18 (6314,6315),10-18 4684,11-18 6309-D133561-300
10.	Ball Joint Control Arm	AR		
11.	Lateral Bump Stop	AR		
12.	Traction Centre make	SARITA/SF		
13.	Traction lever make	SGA/JI		
14.	Ball joint traction lever	GMT/SGA		
15.	Ball joint traction centre	AR/GMT		
16.	Secondary Rubber Pad	PRAG		
17.	Rubber Spring	PPI		
18.	Anti roll bar make	EMSON		
19.	Roll Link make	SARITA/PPI,SF/PPI		
20.	Fork make	EMSON		
21.	Control Arm Upper	RVE	21118-1,021118-1,021118-1,311018-2	231118-1,221118-1,231118-1,231118-1
22.	Control Arm Lower	RVE	291018-3,291018-3,291018-3,291018-3	291018-3,191118-3,191118-3,291018-3

Signature of SSE/Bogie/QC

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/2018-19/1075

RLY	C	R	-	Coach No.	1	9	1	3	6	9	/	C	DATE OF DISPATCH	2	4	-	0	1	-	1	9

DISPATCH TO	SSE(STOCK)/ CSTM	Type	L	W	A	C	C	N	Shell No.	8	3	3	3	2	-	2	0	1	8	-	1	9

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)	L 18079 B
2.	Pull box	M/S- KBI FARIDABAD. NEW DELHI	
3.	Distribution valve	M/S- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP)	18105610B
4.	Foot Step	M/S- SUPER SPARK PVT.LTD.FARIDABAD	
5.	Decoupling arrangement	M/S-ELASTOMER LINIG WORKS MUMBAI	
6.	Floor board	M/s- T.W.P.L. INDUS. MUMBAI	
7.	PVC	M/S –PREMIER POLYFILM GZB.	
8.	UIC Vestibule (PPE)	M/S- ELASTOMER LINIG WORKS MUMBAI	
9.	UIC Vestibule (NPPE)	M/S-- ELASTOMER LINIG WORKS MUMBAI	
10.	Gangway bridge mounting (PPE)	M/S- HARE KRISHNA COACH PRODUCT, KXH	
11.	Gangway bridge mounting (NPPE)	M/S- HARE KRISHNA COACH PRODUCT, KXH	
12.	Body Side Window	M/S- SHATABDI SAFTY GLASS VODODARA	
13.	Emergency Window	M/S- SHATABDI SAFTY GLASS VODODARA	
14.	Lavatory/hopper Window	M/S- RAIL TECH, KXH	
15.	Roof Ceiling	M/S- KAE ENG. PVT. LTD. U.K.	
16.	Door way /gang way ceiling	M/s- AMIRCHAND ENG 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- SIDHU INTERNATIONAL CO.ORG. KXH	
20.	Side Wall panel	M/S- HINDUSTAN FIBRE & GLASS LTD. VADODARA	
21.	AC Trough	M/S- MEENA FIBER GLASS IND. PUDUCHERY	
22.	Body Side Door 1 ,3	M/S- JBM INDUSTRIES, FARIDABAD	
23.	Body side Door 2 ,4	M/S- J.V.R INDUSTRIES LTD.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- JBM INDUSTRIES, FARIDABAD	
27.	Vestibule Door(NPPE)	M/S – JBM INDUSTRIES, FARIDABAD	
28.	Bio Tank	M/s-RAIL FAB KAPURTHALA	
29.	Auxiliary Water Tank	M/s- AMIT ENGG, MOHALI	
30.	Under Slung Water Tank (2X685L)	M/s- AMIT ENGG, MOHALI	
31.	Under Slung Water Tank (1x450 L)	M/s- AMIT ENGG, BADDI	
32.	Flexible Faucet	M/S-HINDUSTAN FIBRE & GLASS WORKS VADODARA	
33.	Lotah Filler Tap	M/S-HINDUSTAN FIBRE & GLASS WORKS VADODARA	
34.	Bib cock	M/s- JAQUAR PVT LTD ALWAR	
35.	Lavatory Modules 1,2,3	M/S- CMT MACHIAN SYSTEM LTD VADODAR	
36.	Lavatory Modules 4	M/S-HINDUSTAN FIBRE & GLASS WORKS VADODARA	
37.	Lavatory Doors	M/S- HINDUSTAN FIBRE & GLASS WORKS VADODARA	
38.	Fire Extinguisher	M/S- TRADE FIRE ENG. DELHI	PPE-0548, NPPE- 0632
39.	Seat & Berth	M/S- ORIENTAL VENEER PRODUCTS MUMBAI	
40.	Light Luggage Rack	M/S- TECHNO IND. ALD	
41.	Snack Table	M/s- INTERNATIONAL TRACTOR LTD. JALANDHAR	

SSE/QC/MCF/RBL

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/2018-19/1075

RLY	C	R	-	Coach No.	1	9	1	3	6	9	/	C	DATE OF DISPATCH	2	4	-	0	1	-	1	9

DISPATCH TO	SSE(STOCK)/ CSTM	Type	L	W	A	C	C	N	Shell No.	8	3	3	3	2	-	2	0	1	8	-	1	9

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 वरि0अनु0 अभियंता गुणवत्ता विभाग रे0डि0का0, रायबरेली (लालगंज)	AME/QC/MCF/RBL सहायक यांत्रिक अभियन्ता-II Assistant Mechanical Engineer / Quality-II आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory, Raebareli	Dy.CQM/MCF/RBL उप मुख्य गुणवत्ता प्रबंधक Dy. Chief Quality Manager

3T-1099

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 AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES			
TYPE COACH	**LWACCN**	**SHELL/COACH NO**	**191369/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	**19.80** Cub mtr/min	OK
3.2	Return Air	**59.91** Cub mtr/min	OK
3.3	Exhaust Air	**7.04** Cub mtr/min	OK
3.4	Conditioned Air	**161.18** 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**		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 due to Ambient temp. below 22°C**		OK

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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG 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	COMPARTMENT LIGHT	OK
11.0	PUBLIC ADDRESSING SYSTEM **(PAS)**	OK
12.0	WHEEL SLIDE PROTECTION SYSTEM **(WSP)**	OK
13.0	WORKING OF 60KVA TRANSFORMER	OK
14.0	WORKING OF REGULATED BATTERY CHARGER	OK
15.0	WORKING OF EMERGENCY BATTERY CHARGER	OK
16.0	SAFETIES :	
16.1	THERMOSTAT :	OK
16.2	ROTARY 07 SET POINTS (NORMAL CONDITION)	OK
16.3	MID SET POINTS (SENSORS FAILED CONDITIONS)	OK
16.4	HYGROSTAT	OK
16.5	CONTROL CIRCUIT	OK
16.6	POWER CIRCUIT	OK
17.0	REFRIGERANT USED **R 407C**	OK

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ROLLING STOCK CERTIFICATE OF LHB/EOG 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 (NPP side): **712/18** Sr no of RMPU (PP side) : **713/18** Sr no of Microprocessor: **AE 18.12.048**	As per rdso/pe/spes/ac/0061/rev-1/2005	**02**
02.	Switch board cabinet Make : **HIND** Sr no : **HO1841701007**	RDSO/PE/SPEC/AC/0184-2015 REV-0	**01**
03.	Pump equipment with PLC controller & pump box Make : **DR AUTO** Sr no PA : **2018/12/194** Sr no.1 :**18110163** Sr no.2 :**18110436** Sr no.CPA :**2018/12/159-DR AUTO**	As per spec EDTS 186,Rev-a, Am- 2	**01**
04.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cum mtr/hr discharge for exhausting air from lavatory & switch board cabinet Make :**INTEG**	EDTS331, TYPE-1 CORR.-1&2	**02**
05.	Door way/Gangway Light Make : **DR AUTO**	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-N	**07**
06.	Provision of Passenger area light(Cabin) Make: **DR AUTO**	As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-L	**09**
07.	Corridor Light with Night light Make: **DR AUTO**	RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-M	**09**
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 :**CMT**	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**
11.	Passenger alarm coach indication light Make : **DR AUTO**	LW 76005,Alt-e	**02**

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ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
12.	Razor socket for WC 110/240V. Make : **SSK**	EDML 047,Rev nil	**04**
13.	Terminal strip Make :**WAGO**	EDML 034,Rev-a	**01**
14.	Terminal connector Make :**WAGO**	EDML 037,Rev`a'	**04**
15.	Single switch 06A/250V/AC ONE WAY ,complete with steel plate & cover frame Make : **SSK**	EDML 0,64,Rev-B, Item 04.	**09**
16.	Single switch 06A/250V/AC ONE WAY complete with steel plate & cover frame Make : **SSK**	EDML 0,64,Rev-B, Item 05.	**09**
17.	Provision of 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**
18.	PA system for LHB coaches Make :**AHUJA**	EDTS 173,Rev- a Am-1,2&3	**01 set**
19.	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 :**11/18**	EDTS 129,Rev nil	**01 set**
20.	Battery box for LHB coaches. Make : **HITECH**	1 10113 0 76 700 005 w/o item 5,22 ,23 ,26 & 27.	**01**
21.	Battery fuse box +ve Make :**INTEG**	As per LW 71001,Alt-F	**01**
22.	Battery fuse box –ve Make :**NEC**	As per LW 71002,Alt-F	**01**

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ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
23.	Emergency battery charger Make : **BHASIN** Sr no: **10181762** Make : **BHASIN** Sr no: **10181756**	EDTS 163,Rev `c' corg.-2&3	**02**
24.	Provision of 5KVA TFR Make : **VIMAL** SL.no : **VTC 3089 LHB-945**	As Per EDTS-366,REV-NIL & CC-71510	**01**
25.	Provision of capacitor Bank Make :**S.INTERNATIONAL** SL.no :**465-07/18**	As per EDML-130 Rev-1,Corr-1	**01**
26.	60KVA transformer Make : **VIMAL** Sr no : **VTC 3089 LHB-6319**	As per rdso/pe/spec/ac/0080/rev-0 (2007)/Am-1&2/Corr. 1,2&3	**01**
27.	Inter Vehicle (ZS)coupler Make: **MAA LAXMI INDUSTRIES**	As per RDSO PE SPEC-0177-2013 REV-0	**01 set**
28.	Feeder junction boxes. Make :**AECO**	EDTS-328 REV-C	**01 set**
29.	Wheel set earthling equipment. Make : **DARSHAN/CHANDA&CHANDA**	EDTS101,REV-C,AM-1	**02 sets**
30.	Wheel Slide Protection System (WSP) Make : **FAIVELEY** Sr no :**32-18-1280**	M/s : **FAIVELEY**	**01 set**
31.	PANTRY EQUIPMENTS : Hot Case & Bottle cooler cum deep freezer Make :NIL	As per EDTS -139, Rev- E ,Sec II.	**01**

SSE/EL/QC	**SEE(P)/MCF/RBL/ DYCEE/P&P/MCF/RBL**

वरिष्ठ अनुभाग अभियन्ता
गुणवत्ता नियंत्रण
आरबरेडिओका / लालगंज / रायबरेली
S.S.E./Elect-QC/M.C.F./LLJ/RBL

वरिष्ठ विद्युत अभियन्ता
रेल कोच फैक्टरी, रायबरेली, लखनऊ
Sr. Electrical Engineer / RCF / RBL / Lucknow