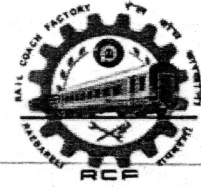




# रेल डिब्बा कारखाना, रायबरेली RAIL COACH FACTORY, RAEBARELI



LST-37

FORM NO: RCF/RBL/QMF 8001  
VERSION: 2012-01-01

## ROLLING STOCK CERTIFICATE

Rolling Stock Certificate No.: RCF/RBL/QC/RSC

Date: 09/05/2013

SHELL NO	L	W	A	C	C	N	-	2	1	2	0	/	2	0	1	3	DATE OF DISPATCH	2	3	0	3	2	0	1	3
----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

RLY	C	R	Type	L	W	A	C	C	N	Coach No.	1	3	1	0	9	/	C
-----	---	---	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---	---

- Railway Board's Order No : 2012/M(C)/142/3, dated 15.02.2013
- Tare Weight of Coach : 45.6 Tonnes
- Carrying Capacity : (a) Seating : 72 (b) Sleeping : 72 (c) Luggage : NA

### 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/-15 1) 1103 (NPPE) 2) 1102 (PPE)

### 5. TRACEABILITY OF SHELL ITEMS:

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Buffers	N.A.	
2.	Centre Buffer Coupler	M/s Faiveley	PP END M 12015 NPP END M 12014

### 6. AIRBRAKE TEST REPORT:

S NO	ITEM	DESCRIPTION	SPEC. VALUE	OBSERVED
1.	Full brake application	<ul style="list-style-type: none"> <li>Reduce pressure of BP from 5.0 to 3.4 kg/cm<sup>2</sup></li> <li>Max. pressure in BC</li> <li>All Brake are applied</li> </ul>	6 – 10 sec. 3.0 ±0.15 kg/cm <sup>2</sup> OK	8 sec. 3.0 kg/cm <sup>2</sup> OK
2.	Insensitivity	<ul style="list-style-type: none"> <li>Exhaust BP @ 0.3 kg/cm<sup>2</sup>/min.</li> </ul>	No brake application	OK
3.	Sensitivity	<ul style="list-style-type: none"> <li>Exhaust BP @ 0.1 kg/cm<sup>2</sup>/Sec, after 02 Sec.</li> </ul>	Brake must apply	OK

### 7. PAINTING DETAILS:

S NO	DESCRIPTION	TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE
1.	Paint	P.U.	M/s VIBGYOR	85.4/91.2/89.2
2.	Insulation		Satisfactory	



रेल डिब्बा कारखाना, रायबरेली  
RAIL COACH FACTORY, RAEBARELI



FORM NO: RCF/RBL/QMF 8001  
VERSION: 2012-01-01

**ROLLING STOCK CERTIFICATE**

Rolling Stock Certificate No.: RCF/RBL/QC/RSC

Date: 09/05/2013

SHELL NO	L	W	A	C	C	N	-	2	1	2	0	/	2	0	1	3	DATE OF DISPATCH	2	3	0	3	2	0	1	3
----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

RLY	C	R	Type	L	W	A	C	C	N	Coach No.	1	3	1	0	9	/	C
-----	---	---	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---	---

**8. DETAIL OF BOGIES :**

ITEMS	PP SIDE				NPP SIDE			
Bogie No	136143							
Bogie Type	FIAT							
Axle No	H-3015				K-5866			
Wheel Dia	916.50	916.50	915.00	915.00	917.00	917.00	917.00	917.00
Wheel Disc No	176-45318/ ZB-12	318-46426/ ZB-12	027-46426/ ZB-12	309-44519/ ZB-12	065-46426/ ZB-12	318-44519/ ZB-12	084-45320/ ZB-12	219-45320/ ZB-12
R B Nos.	05029	05178	05298	00465	05155	05486	05255	00371
C.T.R.B. Make	TIM		TIM		TIM		TIM	

**9. SECONDARY SUSPENSION LOAD DEFLECTION VALUES**

DESCRIPTION	BOGIE PP SIDE				BOGIE NPP SIDE			
	SECONDARY 1		SECONDARY 2		SECONDARY 1		SECONDARY 2	
	OUTER	INNER	OUTER	INNER	OUTER	INNER	OUTER	INNER
Make & Nos.	DN-12-X- 998	G-4-12- 574	DN-12-X- 1075	G-4-12- 646	DN-12-X- 955	G-4-12- 747	DN-12-X- 1060	G-4-12- 554
Compressed Ht. at Tested Load (mm)	512	465	507	467	509	467	510	464
Alignment deviation (mm)	7	25	7	21	8	16	5	19

**10. TRACEABILITY OF BOGIE ITEMS:**

S. NO.	ITEM	SERIAL NO.		MAKE
		PP SIDE	NPP SIDE	
1.	Primary outer Spring	L&S-08-12	L&S-08-12	L&S
2.	Primary Inner Spring	G-12-5	G-12-5	GF
3.	Primary Damper	19179,19273,18805,19172	19413,18831,19173,19359	KONI
4.	Secondary Damper	NIL	NIL	---
5.	Lateral Damper	NIL	NIL	---
6.	Yaw Damper	5239,5670	5484,5333	KONI
7.	Brake Cylinder & Caliper	G-3365/691,G-3692/691 G-3320/691,G-3693/691	G-0127/691,G-3535/691 G-0128/691,G-3789/691	KBI
8.	Brake Disc			KBI
9.	Ball Joint Control Arm			GMT
10.	Lateral Bump Stop			GMT
11.	Ball Joint Traction Lever			MGN
12.	Ball Joint Traction Centre			MGN
13.	Secondary Rubber Pad			TESPAK
14.	Rubber Spring			GMT
15.	Roll Link			SARITA
16.	Air Spring			N.A.



रेल डिब्बा कारखाना, रायबरेली  
RAIL COACH FACTORY, RAEBARELI



FORM NO: RCF/RBL/QMF 8001  
VERSION: 2012-01-01

**ROLLING STOCK CERTIFICATE**

Rolling Stock Certificate No.: RCF/RBL/QC/RSC

Date: 09/05/2013

SHELL NO	L	W	A	C	C	N	-	2	1	2	0	/	2	0	1	3	DATE OF DISPATCH	2	3	0	3	2	0	1	3
----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

RLY	C	R	Type	L	W	A	C	C	N	Coach No.	1	3	1	0	9	/	C
-----	---	---	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---	---

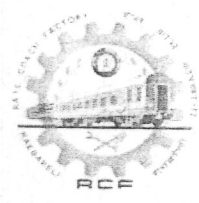
**11. TRACEABILITY OF FURNISHING ITEMS:**

S NO	ITEM	MAKE/SUPPLIER	SERIAL NO
1.	Air Brake Module	M/s KBI	117308
2.	Pull box	M/s KBI	
3.	DV	M/s KBI	2012 H 0628
4.	PVC Flooring	M/s Responsive	
5.	UIC Vestibule (PPE)	M/s KRP	
6.	UIC Vestibule (NPPE)	M/s KRP	
7.	Foot Step	M/s JVR	
8.	Entrance Hand Rail	M/s SMS	
9.	Decoupling arrangement	M/s SECO	
10.	Body Side Window	M/s AIKON & Rail Tech	
11.	Emergency Window	M/s AIKON & Rail Tech	
12.	Lavatory/Hooper Window	M/s AIKON & Rail Tech	
13.	Roof Ceiling	M/s KAE Engineers	
14.	Body Side Doors	M/s AIR FLOW	
15.	Compartment Door (PPE)	-----	
16.	Compartment Door (NPPE)	-----	
17.	Vestibule Door(PPE)	M/s AIR FLOW	
18.	Vestibule Door(NPPE)	M/s AIR FLOW	
19.	CDTS (ORIENT)	M/s VIBHU	
20.	CDTS (WESTERN)	M/s VIBHU	
21.	Auxiliary Water Tank	M/s Shivalik Fasteners	
22.	Under Slung Water Tank(450 L)	M/s Amit Engineers	
23.	Under Slung Water Tank ( 2X685L)	M/s Amit Engineers	
24.	Flexible Faucet	M/s Rishabh Enterprises (Pooja)	
25.	Lotah Filler Tap	M/s Metro	
26.	Lavatory Modoules	M/s Hindustan Fibre Ltd. Gujarat	
27.	Lavatory Doors	M/s Hindustan Fibre Ltd. Gujarat	
28.	Waste Bin Arrangement	M/s Hindustan Fibre Ltd. Gujarat	
29.	Fire Extinguisher	M/s Hindustan Fibre Ltd. Gujarat	
30.	Side Wall panel	M/s KAE Engineers	
31.	AC Trough	-----	
32.	Bellows of circulation units	-----	
33.	Seat & Berth	M/s Savitri Engineering	
34.	Light Luggage Rack	M/s Rail Fab	
35.	Snack Table	M/s International T. Ltd.	

L3T-437



रेल डिब्बा कारखाना, रायबरेली  
RAIL COACH FACTORY, RAEBARELI



FORM NO: RCF/RBL/QMF 8001  
VERSION: 2012-01-01

**ROLLING STOCK CERTIFICATE**

Rolling Stock Certificate No.: RCF/RBL/QC/RSC

Date: 09/05/2013

SHELL NO	L	W	A	C	C	N	-	2	1	2	0	/	2	0	1	3	DATE OF DISPATCH	2	3	0	3	2	0	1	3
----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	------------------	---	---	---	---	---	---	---	---

RLY	C	R	Type	L	W	A	C	C	N	Coach No.	1	3	1	0	9	/	C
-----	---	---	------	---	---	---	---	---	---	-----------	---	---	---	---	---	---	---

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	REFERENCE &
			Frequency	PERIOD OF TRIAL

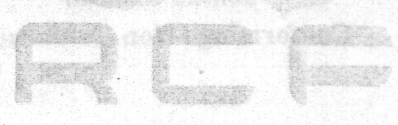
15. WARRANTY:

S NO	COMPONENTS	WARRANTY
1	Brake blocks, wheels, push gravity cocks, flushing valves, moldings, window glasses, mirrors, roller blinds, curtain & bulbs etc. ( items which are consumable in nature)	NIL
2	Other coach furnishing sub assemblies(bought out items)	24 months date of dispatch of coach or 30 months from date of supply of material whichever is earlier.

NOTE:

- This warranty covers free supply of parts which wear out and falls within warranty period of normal service.
- This doesn't covers faults arising out of accident, non standard maintenance practices, abnormal use or mishandling, vandal activity, arson & deficient/pilferage etc.
- 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.
- Whether a defective part is to be replaced or repaired shall be at the discretion of RCF/RBL.

DY CME  
RCF/RBL  
Dy CME/M&P  
उप मु० या० अभि०/एम.&पी.  
RCF/RBL(LLJ)  
रे. डि.का. रायबरेली (नालगंज)



SSE/QC/MECH  
RCF/RBL  
वरिष्ठ अनुसंधान (संचिक)  
रेल कोच फैक्ट्री, रायबरेली  
Sr SE(Mech.) RCF/RBL/LLJ.



रेल कोच फैक्टरी, कपूरथला  
RAIL COACH FACTORY, KAPURTHALA



Form No. : QMF 9454; Version: 03

Page : 2 of 4

Date: 18-02-2013

Shell No.:-

RLY		Type	LACCN	Coach No.
-----	--	------	-------	-----------

6.0 Wheel & Axle details:



Items	PP Side				Non PP Side			
Bogie No.	136143				136144			
Frame No.	FIAT-2059				ECBT-516			
Bolster No.	2631-VT				2639-VT			
Axle No.	H-3015		K-5866		G-7751		RWF-95666	
Wheel Diameter	916.50	916.50	915.00	915.00	917.00	917.00	917.00	917.00
Wheel Disc No.	176-45318/ ZB-12	318-46426/ ZB-12	027-46426/ ZB-12	309-44519/ ZB-12	065-46426/ ZB-12	318-44519/ ZB-12	084-45320/ ZB-12	219-45320/ ZB-12
R.B. Nos.	05029	05178	05298	00465	05155	05486	05255	00371
R. B. Make	TIM		TIM		TIM		TIM	
RB Type	CARTRIDGE TAPER ROLLER BEARING							

6.1 Secondary suspension load deflection Values:

Description	Bogie PP side				Bogie NPP side			
	Secondary 1		Secondary 2		Secondary 1		Secondary 2	
	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
Make & nos.	DN-12-X-998	G-4-12-574	DN-12-X-1075	G-4-12-646	DN-12-X-955	G-4-12-747	DN-12-X-1060	G-4-12-554
Compressed ht. at tested load	512	465	507	467	509	467	510	464
Alignment deviation (mm)	7	25	7	21	8	16	5	19

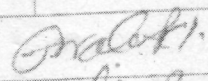
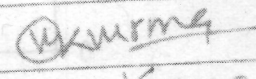
6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos	Sr. nos.	
1	Primary Outer Spring batch no.	L&S-08-12	L&S-08-12	L&S
2	Primary inner Spring batch no	G-12-5	G-12-5	GF
3	Primary Damper	19179,19273,18805,19172	19413,18831,19173,19359	KONI
4	Secondary damper	NIL	NIL	SACHS
5	Lateral Damper	NIL	NIL	SACHS
6	Brake cylinder & Caliper	G-3365/691,G-3692/691 G-3320/691,G-3693/691	G-0127/691,G-3535/691 G-0128/691,G-3789/691	KBI
7	Brake Disc			KBI
8	Ball joint Control arm			GMT
9	Lateral Bump stop			GMT
10	Traction center make			-
11	Traction lever make			-
12	Ball joint traction lever			MGN
13	Ball joint Traction centre			MGN
14	Secondary rubber pad			TESPAK
15	Rubber spring			GMT
16	Anti roll bar make			SARITA
17	Roll link make			-
18	Fork make			EMSON
19	Yaw Damper make			

	<b>Govt. of India- Ministry of Railways</b> <b>(RAIL COACH FACTORY-RAEBARELI)</b>	
---	--	---

3T-37  
 RCF/RBL/QEF7001  
 VER.2012:00  
 PAGE 1 OF 4

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
COACH NO <u>13109/C-CR</u>		SHELL NO	
TYPE OF COACH <u>LWACCN</u>		DATE: <u>21.3.13</u>	
01.	Roof mounted AC package unit for LHB AC coaches Make : <u>SIDWAL</u> Sr no of RMPU ( PP side ) : <u>L-708/2012</u> Sr no of RMPU (NPP side ) : <u>L-706/2012</u> Sr no of Microprocessor : <u>12-LSR-0119 (SIDWAL)</u>	EDTS 075,Rev 'a', Col I.	02 ✓
02.	Switch board cabinet ( In case of CHAIR CAR / In case of 2T/3T & FAC coach ) Make : <u>ISG</u> Sr no : <u>0036-5/2012</u>	EDTS 073 / 134 ,Rev 'b'	01 ✓
03.	Pump equipment with PLC controller & pump box Make: <u>Kalsi</u> Sr no PA- <u>2312/10/11</u> Sr no.1 <u>225653/10/11</u> Sr no.2 <u>225654/10/11</u> Sr no.CPA <u>-1989/02/11</u>	EDTS 094,Rev 'a'	01 ✓
05.	Single inlet radial blower 415V/03Ph/50Hz /185W /1045 cum mtr/hr discharge for exhausting air from PANTRY Make : <u>X</u>	02D133-AB06-19 In case of Chair Car's	01 ✗
06.	Double inlet centrifugal blower 415V/03Ph /50Hz /120W/450 cum mtr/hr discharge for exhausting air from lavatory & switch board cabinet Make : <u>Integ.</u>	Cat no D2D 133 -AB06-19 of EBM or equivalent approved	02
07.	Ceiling light fitting w/o diffuser w/o item 3&4 EOG 3T/2T/FAC/Ex ACC/II ACC	LW 76004,Alt nil	03/03/06 03/03
08.	Ceiling light fitting DOUBLE w/o diffuser EOG 3T/2T/FAC	LW 76011,Alt nil	09/09/07
 <u>Jwala Prasad</u> SSE/Elect/Production		Signature Name Designation	 <u>V.K. Verma</u> SSE/Elect/Quality



Govt. of India- Ministry of Railways  
(RAIL COACH FACTORY-RAEBARELI)



RCF/RBL/QEF7001  
VER.2012:00  
PAGE 2 OF 4

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
09.	Ceiling light fitting with NL w/o diffuser w/o item 2&3 EOG 3T/2T/FAC/Ex ACC/II ACC	LW 76013,Alt nil	09/09/11/26 /26
10.	Emergency light system for EOG type coaches	EDTS 151,Rev nil	04 ✓
12.	Lavatory light fitting assly EOG 3T/2T/FAC/Ex ACC/II ACC	LW 76001,Alt nil	04/04/03 03/03
13.	Entry door lamp assly	LW 76003,Alt nil	04 no's ✓
14.	WC gauge signal light EOG 3T/2T/FAC/Ex ACC/II ACC	LW 76006,Alt 'a'	02/02/03 03/03
15.	Passenger alarm coach indication cum Reservation Chart illumination light	LW 76005,Alt 'a'	02 ✓
16.	Reading Light fitting ( Upper berth ) EOG 2T/FAC	AW 76023,Alt nil	27/12 x
17.	Reading light for longitudinal berth (LHS) EOG/2T	LW 76023,Alt nil	09 x
18.	Reading light for transverse -LH EOG/2T/FAC	LW 76020,Alt nil	09/04 x
19.	Reading Lights ( 02 seater ) Ex.ACC / II,ACC	LW 76031,Alt nil	28/18 x
20.	Reading Lights ( 03 seater ) II,ACC	LW 76030,Alt nil	14 x
21.	Reading light for longitudinal berth RH EOG/2T/FAC	LW 76021,Alt nil	09/08 x
22.	Fluorescent lamp 18W EOG 3T/2T/FAC/Ex ACC/II ACC	RDSO/PE/SPEC/D/ TL 0011-2000,Rev I, Sec- I , 07/2001	38/37/38 37/37
23.	Diffuser complete w/o item 1& 2. EOG 3T/2T/FAC/Ex ACC/II ACC	LW 76012,Alt nil	21/21/24 04/04
24.	Electronic inverter for reading lights. EOG Ex ACC/ II ACC	EDTS 108,Rev nil Amdt -1	14/08 14/20
25.	Razor socket for WC 110/240V. EOG 3T/2T/FAC/Ex ACC/ II ACC	EDML 047 ,Rev nil	04/04/03 03/03
	<i>Jwala Prasad</i> SSE/Elect/Production	Signature Name Designation	<i>V.K. Verma</i> SSE/Elect/Quality



Govt. of India- Ministry of Railways  
(RAIL COACH FACTORY-RAEBARELI)



RCF/RBL/QEF7001  
VER.2012:00  
PAGE 3 OF 4

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

Sr no	Description	Drg/Spec no.	Quantity per Coach
26.	Terminal connector ( for CDTS ) EOG 3T/2T/FAC/Ex ACC/II ACC	EDML 037,Rev`a`	04/04/03 03/03
27.	Terminal strip ( EOG/3T )	EDML 034,Rev`a`	01 ✓
28.	Terminal strip ( EOG/2T )	EDML 033,Rev`a`	01 ✗
29.	Terminal connector EOG/3T/2T	EDML 037,Rev`a`	04/04
30.	Connectors for lights ( For chair cars only )	EDML 014,Rev nil	01 ✗
35.	Single switch 06A/250V/AC ONE WAY ,complete with steel plate & cover frame EOG 3T/2T/FAC	EDML 047,Rev nil ,Item 1.	09/09/08
36.	Single switch 16A/250V/AC ONE WAY complete with steel plate & cover frame EOG 3T/2T/FAC	EDML 045,Rev nil ,Item 2.	09/09/08
37.	Switch plate ( CORRIDOR ) for FAC only	EDML 040,Rev nil	01 ✗
38.	Switch plate ( CORRIDOR ) for FAC only	EDML 042,Rev nil	01 ✗
39.	Switch plate ( CORRIDOR & ATTENDANT ) For FAC only	EDML 041,Rev nil	02 ✗
40.	Switch socket 5 Pin, 06A, 250V fitted with powder coated steel plate & cover frame. ( Ex ACC/ II ACC )	Cat no EL-243 of M/s SIGNATURE series or equiv approved	18/18 ✗
42.	Bell push & single switch 06A/250V/AC ,TWO WAY ,complete with steel plate & cover frame ( FAC only )	EDML 047,Rev nil	02 ✗
43.	Call cum reset indicator & Annunciator ( FAC only )	EDTS 117,Rev nil	01 ✗
44.	PA system for LHB coaches Make : <u>AHUTA</u>	EDTS 173,Rev nil Ty -V.	01 set
<i>Prabhat</i>		Signature	<i>V.K. Verma</i>
<i>Jwala Khandelwal</i>		Name	<i>V. K. Verma</i>
SSE/Elect/Production		Designation	SSE/Elect/Quality



**Govt. of India- Ministry of Railways  
(RAIL COACH FACTORY-RAEBARELI)**



RCF/RBL/QEF7001  
VER.2012:00  
PAGE 4 OF 4

**ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES**

Sr no	Description	Drg/Spec no.	Quantity per Coach
45.	70AH/110V,54 Cells,02V each ,maintenance free pure lead acid tin monoblock ,battery set with 09 modules 12V each. ,factory pre charged. Make : <u>HBL</u> Lug date : <u>- 8/12</u>	EDTS 129,Rev nil	01 set ✓
46.	Battery box for LHB coaches.	1 10113 0 76 700 005 w/o item 5,22 ,23 ,26 & 27.	01 ✓
47.	Battery fuse box +ve Make : <u>ISG</u>	LW 71001,Alt`a'	01 ✓
48.	Battery fuse box -ve Make : <u>ISG</u>	LW 71002,Alt`a'	01 ✓
49.	Regulated battery charger Make : <u>Pyramid</u> Sr no _____	EDTS 074,Rev `b'	01 ✓
	Emergency battery charger Make : <u>Pyramid</u> Sr no <u>PEBCI-124-16</u>	EDTS 163,Rev `c' corg.-2	01 ✓
50.	60KVA transformer Make : <u>Vimal</u> Sr no 1 : <u>1328-2011-12</u> Sr no 2 : _____ 2T/3T/FAC/HB	EDTS 076 ,Rev nil	01/01/01/02 ✓
51.	ZS coupling 400A/750V/03Ph/50hz. Make : <u>S. International.</u>	EDTS 105,Rev `c'	02 sets ✓
52.	Feeder junction boxes. Make : <u>NEC</u>	EDML 020,Rev `a'	02 ✓
53.	Wheel set earthing equipment. Make : <u>Darshan Entreprises</u>	EDTS 101,Rev `a'	02 ✓
54.	Wheel Slide Protection System (WSP) Make & Sr no : <u>KNORR - D112060511</u>	M/s : <u>KNORR</u>	01 set ✓
55.	Composite pantry Make : _____ X Sr no : _____	EDTS 130,Sec-1 For LHB/EOG /AC Chair cars only	01 X
56.	PANTRY EQUIPMENTS : a.) Hot Case Make : <u>Spectrum.</u> b.) Bottle coler cum deep freezer Make : <u>Spectrum.</u>	EDTS 139,Corr-1, Case of EOG/3T & FAC EDTS -130, Sec II, In case of EOG/2T	01 ✓
	<u>Anilok</u>	Signature	<u>V.K. Verma</u>
	<u>Jwala Prasad</u>	Name	<u>V.K. Verma</u>
	SSE/Elect/Production	Designation	SSE/Elect/Quality