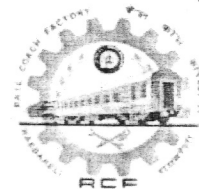




रेल डिब्बा कारखाना, रायबरेली RAIL COACH FACTORY, RAEBARELI



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

ROLLING STOCK CERTIFICATE

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

Date: 04/06/2014

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|------|---|---|---|---|---|---|-----------|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| SHELL | L | W | A | C | C | N | 3 | 0 | 5 | 9 | / | 2 | 0 | 1 | 3 | DATE OF DISPATCH | 0 | 4 | 0 | 3 | 2 | 0 | 1 | 4 |
| RLY | S | R | Type | L | W | A | C | C | N | Coach No. | 1 | 3 | 1 | 2 | 5 | / | C | | | | | | | |

- Railway Board's Order No : 2013/M(C)/142/3 dated 16.07.2013
- Tare Weight of Coach : 45.6 Tonnes
- 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/-15 | 1) 1104 (NPPE) 2) 1105 (PPE) |

5. TRACEABILITY OF SHELL ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|-----------------------|---------------|------------------------|
| 1. | Buffers | N.A. | |
| 2. | Centre Buffer Coupler | M/s ESCORTS | PP END --- NPP END --- |

6. AIRBRAKE TEST REPORT:

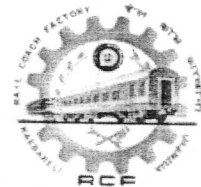
| S NO | ITEM | DESCRIPTION | SPEC. VALUE | OBSERVED |
|------|------------------------|--|---|---------------------------------------|
| 1. | Full brake application | <ul style="list-style-type: none"> ➤ Reduce pressure of BP from 5.0 to 3.4 kg/cm². ➤ Max. pressure in BC ➤ All Brake are applied | 6 – 10 sec. 3.0 ±0.15 kg/cm ² . OK | 9sec. 3.0 kg/cm ² OK |
| 2. | Insensitivity | <ul style="list-style-type: none"> ➤ Exhaust BP @ 0.3 kg/cm²/min. | No brake application | OK |
| 3. | Sensitivity | <ul style="list-style-type: none"> ➤ Exhaust BP @ 0.1 kg/cm²/Sec, after 02 Sec. | Brake must apply | OK |

7. PAINTING DETAILS:

| S NO | DESCRIPTION | TYPE OF PAINT | MAKE | AVERAGE GLOSS VALUE |
|------|-------------|---------------|--------------|---------------------|
| 1. | Paint | P.U. | AKZO NOBEL | 95.73/95.66 |
| 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: 04/06/2014

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|------|---|---|---|---|---|---|-----------|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| SHELL | L | W | A | C | C | N | 3 | 0 | 5 | 9 | / | 2 | 0 | 1 | 3 | DATE OF DISPATCH | 0 | 4 | 0 | 3 | 2 | 0 | 1 | 4 |
| RLY | S | R | Type | L | W | A | C | C | N | Coach No. | 1 | 3 | 1 | 2 | 5 | / | C | | | | | | | |

8. DETAIL OF BOGIES :

| ITEMS | PP SIDE | | | | NPP SIDE | | | |
|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Bogie No | 137164 | | | | 1371461 | | | |
| Bogie Type | Fiat | | | | Fiat | | | |
| Axle No | RWF-109787 | | RWF-99469 | | RWF-110120 | | RWF-110114 | |
| Wheel Dia | 916.00 | 916.50 | 915.00 | 915.00 | 916.00 | 916.00 | 916.00 | 916.00 |
| Wheel Disc No | 076- 50796/ZB13 | 262- 50796/ZB13 | 969- 48744/ZB13 | 179- 50800/ZB13 | 114- 50843/ZB13 | 137- 51781/ZB13 | 213- 50800/ZB13 | 183- 51782/ZB13 |
| R.B. Nos. | 07819 | 07801 | 08469 | 09205 | 11705 | 40828 | 11716 | 77324 |
| CT R B Make | SKF | | SKF | | SKF | | SKF | |

9. SECONDARY SUSPENSION LOAD DEFLECTION VALUES

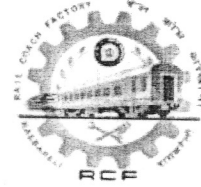
| DESCRIPTION | BOGIE PP SIDE | | | | BOGIE NPP SIDE | | | |
|-------------------------------|---------------|------------|--------------|------------|----------------|------------|-------------|------------|
| | SECONDARY 1 | | SECONDARY 2 | | SECONDARY 1 | | SECONDARY 2 | |
| | OUTER | INNER | OUTER | INNER | OUTER | INNER | OUTER | INNER |
| Make & Nos. | DN-13-3-650 | G13-3-4455 | DN-13-3-0642 | G13-3-4459 | DN-13-4-0677 | G13-4-4268 | DN-13-4-627 | G13-4-4266 |
| Compressed Ht. at Tested Load | 512 | 467 | 512 | 466 | 514 | 466 | 513 | 466 |
| Alignment deviation (mm) | 18 | 9 | 18 | 8 | 19 | 7 | 8 | 5 |

10. TRACEABILITY OF BOGIE ITEMS:

| S NO | ITEM | SERIAL NO | | MAKE |
|------|---------------------------|----------------------------|-----------------------------|----------|
| | | PP SIDE | NPP SIDE | |
| 1. | Primary outer Spring | L&S-3-13 | L&S-8-12 | L&S |
| 2. | Primary Inner Spring | L&S-2-13 | L&S-2-13 | L&S |
| 3. | Primary Damper | | | GEREP |
| 4. | Secondary Damper | | | GEREP |
| 5. | Lateral Damper | | | SACHS |
| 6. | Yaw Damper | | | SV SOCKS |
| 7. | Brake Cylinder & Caliper | N13044,N13038,13041,N13060 | N13039,N13058,N13050,N13046 | FTI |
| 8. | Brake Disc | | | FTI,KBI |
| 9. | Ball Joint Control Arm | | | --- |
| 10. | Lateral Bump Stop | | | GMT |
| 11. | Ball Joint Traction Lever | | | SGA |
| 12. | Traction Centre Elastic | | | SARITA |
| 13. | Secondary Rubber Pad | | | TECSPAK |
| 14. | Rubber Spring | | | GMT |
| 15. | Ball Joint Roll Link | | | SARITA |



रेल डिब्बा कारखाना, रायबरेली RAIL COACH FACTORY, RAEBARELI



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

ROLLING STOCK CERTIFICATE

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

Date: 04/06/2014

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|------|---|---|---|---|---|---|---|-----------|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| SHELL | L | W | A | C | C | N | 3 | 0 | 5 | 9 | / | 2 | 0 | 1 | 3 | DATE OF DISPATCH | 0 | 4 | 0 | 3 | 2 | 0 | 1 | 4 |
| RLY | S | R | Type | L | W | A | C | C | N | | Coach No. | 1 | 3 | 1 | 2 | 5 | / | C | | | | | | |

11. TRACEABILITY OF FURNISHING ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|---------------------------------|---|------------|
| 1. | Air Brake Module | M/s KBI, Faridabad, New Delhi | 13M0506 |
| 2. | Pull box | M/s KBI, Faridabad, New Delhi | |
| 3. | DV | M/s KBI, Faridabad, New Delhi | 2013M 0737 |
| 4. | PVC | M/s Responsive, Colaba, Mumbai | |
| 5. | UIC Vestibule (PPE) | M/s SUNCREST Kolkata | |
| 6. | UIC Vestibule (NPPE) | M/s SUNCREST Kolkata | |
| 7. | Foot Step | M/s JVR Ludhiana | |
| 8. | Decoupling arrangement | M/s SECO | |
| 9. | Body Side Window | M/s Rail Tech, KXH | |
| 10. | Emergency Window | M/s AIKON Tech. Pvt. Ltd Solan HP | |
| 11. | Lavatory Window | M/s AIKON Tech. Pvt. Ltd Solan HP+ Rail Tech, KXH | |
| 12. | Roof Ceiling | M/s KAE Engg. Pvt. Ltd ESIPL (UK) | |
| 13. | Non-AC Area Ceiling | M/s Rail Experts Jalandhar | |
| 14. | Supply Air Duct | M/s Hanspal coach products kapurthala | |
| 15. | Body Side Doors | M/s JVR Ludhiana | |
| 16. | Compartment Door (PPE) | M/s Rail Tech, KXH | |
| 17. | Compartment Door (NPPE) | M/s Rail Tech, KXH | |
| 18. | Vestibule Door (PPE) | M/s JBM Faridabad | |
| 19. | Vestibule Door (NPPE) | M/s JBM Faridabad | |
| 20. | CDTS | M/s Darsan Enterprises, New Delhi | |
| 21. | Auxiliary Water Tank | M/s Amit Engg, Mohali Punjab | |
| 22. | Under Slung Water Tank (450 L) | M/s Shivalik Fasteners, Mohali Punjab | |
| 23. | Under Slung Water Tank (2X685L) | M/s Shivalik Fasteners, Mohali Punjab | |
| 24. | Flexible Faucet | M/s Hindustan Fibre Ltd. Vadodra (Gujrat) | |
| 25. | Lotah Filler Tap | M/s Metco (New Delhi) | |
| 26. | Lavatory Modoules | M/s Hindustan Fibre Ltd. Vadodra (Gujrat) | |
| 27. | Lavatory Doors | M/s Hindustan Fibre Ltd. Vadodra (Gujrat) | |
| 28. | Waste Bin Arrangement | M/s Hindustan Fibre Ltd. Vadodra (Gujrat) | |
| 29. | Fire Extinguisher | M/s Hindustan Fibre Ltd. Vadodra (Gujrat) | |
| 30. | Side Wall panel | M/s KAE Engg. Satarganj Uk | |
| 31. | Seat & Berth | M/s Aarkay Foames Mohali | |
| 32. | Light Luggage Rack | M/s Virendra Steel Enterprises Chandigarh | |
| 33. | Snack Table | M/s International Tractor Ltd Hoshiarpur | |

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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: 04/06/2014

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|------|---|---|---|---|---|---|-----------|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| SHELL | L | W | A | C | C | N | 3 | 0 | 5 | 9 | / | 2 | 0 | 1 | 3 | DATE OF DISPATCH | 0 | 4 | 0 | 3 | 2 | 0 | 1 | 4 |
| RLY | S | R | Type | L | W | A | C | C | N | Coach No. | 1 | 3 | 1 | 2 | 5 | / | 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 & PERIOD OF TRIAL |
|------|------------------|---------|-----------|-----------------------------|
| | | | Frequency | |
| | | | | |

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:

1. This warranty covers free supply of parts which wear out and falls 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 RCF/RBL.
5. For any complain/ suggestion please contact at qualityrcfbl@gmail.com

DY CME
RCF/RBL
उप मू० या० अमि०/कर.
RCF/RBL(LLJ)
रे. डि.का. रायबरेली (लालगंज)

सीनियर सेक्शन इंजीनियर (क्वालिटी कंट्रोल)
रेल डिब्बा कारखाना, रायबरेली
Sr Section Engineer (Quality Control)
Rail Coach Factory, Raebareli(Lalganj)

N.R.Y.

RAIL COACH FACTORY, KAPURTHALA

L3T-84

Form No. : QMF 9454; Version: 03

Page : 2 of 4

Shell No.:- 3107 RBL

Date: 01-01-2014

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

6.0 Wheel & Axle details:

| | | | | | | | | |
|----------------|--------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Items | PP Side | | | | Non PP Side | | | |
| Bogie No. | 137161 | | | | 137164 | | | |
| Frame No. | SIEMENS-002 | | | | ECBT-824 | | | |
| Bolster No. | ECBT-3247 | | | | 3503VT | | | |
| Axle No. | RWF-110120 | | RWF-110114 | | RWF-109787 | | RWF-99469 | |
| Wheel Diameter | 916.00 | 916.00 | 916.00 | 916.00 | 916.00 | 916.00 | 915.00 | 915.00 |
| Wheel Disc No. | 114-50843/ ZB13 | 137-51781/ ZB13 | 213-50800/ ZB13 | 183-51782/ ZB13 | 076-50796/ ZB13 | 262-50796/ ZB13 | 969-48744/ ZB13 | 179-50800/ ZB13 |
| R.B. Nos. | 11705 | 40828 | 11716 | 77324 | 07819 | 07801 | 08469 | 09205 |
| R. B. Make | SKF | | SKF | | SKF | | SKF | |
| 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. | G13-4-0677 | G13-4-4268 | G13-3-0627 | G13-4-4266 | G13-3-0650 | G13-3-4455 | G13-3-0642 | G13-3-4459 |
| Compressed ht. at tested load | 514 | 466 | 513 | 466 | 512 | 467 | 512 | 466 |
| Align.deviation | 19 | 7 | 8 | 5 | 18 | 9 | 18 | 8 |

6.2 Component traceability:

| SNO | ITEM | PP Side Bogie | NPP side Bogie | Make |
|-----|---------------------------------|-----------------------------|----------------------------|---------|
| 1 | Primary Outer Spring batch no. | L&S-8-12 | L&S-3-13 | L&S |
| 2 | Primary inner Spring batch no | L&S-2-13 | L&S-2-13 | L&S |
| 3 | Primary Damper | | | GEREP |
| 4 | Secondary damper | | | GEREP |
| 5 | Lateral Damper | | | SACHS |
| 6 | Brake cylinder & Caliper | N13044,N13038,N13041,N13060 | N13039,N13058,N13050,13046 | FTI |
| 7 | Brake Disc | | | FTI,KBI |
| 8 | Elastic Connect for Control arm | | | SGA |
| 9 | Lateral Bump stop | | | GMT |
| 10 | Traction center make | | | SARITA |
| 11 | Traction lever make | | | SARITA |
| 12 | Ball joint traction lever | | | SGA |
| 13 | Ball joint Traction centre | | | GMT |
| 14 | Secondary rubber pad | | | TECSPAK |
| 15 | Rubber spring | | | GMT |
| 16 | Anti roll bar make | | | SARITA |
| 17 | Roll link make | | | SARITA |
| 18 | Fork make | | | EMSON |

30/1/14
88E/100/1/14



B-1/31, Sector H, Aliganj
Lucknow - 226 024 (India)
Tel.: (0522) 3208468, 3221900
Tele Fax : (0522) 4017682
E-mail : emprise@sify.com

DY CME/FUR
 RAIL COACH FACTORY
 LALGANJ
 RAEBARELI

SSE/Paul

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रजिस्ट्री
Dy. Chie
RCM/...

RCF/RBL/MECH/PTG/12-13/0001 DT 30.04.2013

WARRANTY CERTIFICATE NO:EMP/JAN/2014

This is to certify that POLYURETHANE PAINTING work done under your contract no-RCF/RBL/MECH/PTG/12-13/0001 DT 30.04.2013 has been completed on:

| Coach Type | Coach Number | completed on |
|------------|----------------|--------------|
| LWACCN-74 | 13111/C, S.E.C | 24.12.2013 |
| LWACCN-75 | 13112/C, S.E.C | 24.12.2013 |
| LWACCN-76 | 13113/C, S.E.C | 23.12.2013 |
| LWACCN-77 | 13114/C, S.E.C | 01.01.2014 |
| LWACCN-78 | 13115/C, S.E.C | 30.12.2013 |
| LWACCN-84 | 13125/C, S.R | 13.01.2014 |
| LWACCN-85 | 13149/C, S.R | 13.01.2014 |
| LWACCW-49 | 13054/C, N.F | 14.12.2013 |
| LWACCW-51 | 13065/C, S.R | 24.12.2013 |
| LWACCW-52 | 13066/C, S.R | 24.12.2013 |
| LWACCW-53 | 13067/C, S.R | 30.12.2013 |
| LWACCW-54 | 13068/C, S.R | 01.01.2014 |
| LWACCW-55 | 13069/C, S.R | 30.12.2013 |

The Pu Painting work done on each coach shall be warranted for a period of 03 years from the date of completion of the work for the coaches for gloss retention/color retention & adherence properties as per RDSO specification: M&C/PCN/100/2009. If any imperfection is noticed or any defect arise during the warranty period due to improper material used or due to bad workmanship EMPRISE MARKETING shall be bound to set right the defect/imperfection on free of cost basis.

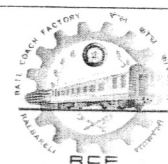
For: EMPIRE MARKETING

(Authorised Signatory)



L3T-84

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



RCF/RBL/QEF7001

VER.2012:00

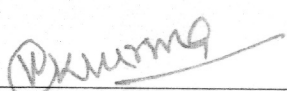
PAGE 1 OF 5

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

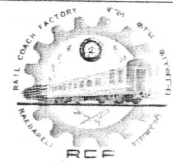
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG AC COACHES

| | | | |
|-------------------|---|-------------------------|----------------|
| TYPE COACH | LWACCN | SHELL/COACH NO | 13125/C |
| RAILWAY | SR | 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 PRACTICE 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 | 29.01 Cub mtr/min | OK |
| 3.2 | Return Air | 65.74 Cub mtr/min | OK |
| 3.3 | Exhaust Air | 6.21 Cub mtr/min | OK |
| 3.4 | Conditioned Air | 176.74 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 temperature below 22 deg.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 temperature below 22 deg.C. | | OK |


**Senior Section Engineer
Quality control / Electrical
RCF, Raebareli**



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



RCF/RBL/QEF7001

VER.2012:00

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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

ELECTRICAL TEST CERTIFICATE FOR LHB EOG AC COACHES

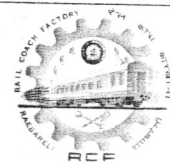
| Sr no | Description of test | Remarks |
|-------|--|---------|
| 6.0 | HUMIDITY CONTROL | OK |
| 7.0 | PUMP EQUIPMENTS | OK |
| 8.0 | WORKING OF EXHAUST FANS OVER LAVATORIES | OK |
| 9.0 | WORKING OF COMPOSITE PANTRY | OK |
| 10.0 | COMPARTMENT LIGHT | OK |
| 11.0 | PUBLIC ADDRESSING SYSTEM (PAS) | 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 : | OK |
| 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 | OK |

(Signature)

Senior Section Engineer
Quality control / Electrical
RCF, Raebareli



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




RCF/RBL/QEF7001

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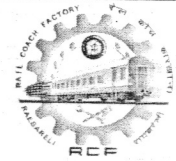
ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

| Sr no | Description | Drg/Spec no. | Quantity per Coach |
|-------|--|--|--------------------|
| 01. | Roof mounted AC package unit for LHB AC coaches Make : INTEC Sr no of RMPU (NPP side) : 14-A-014 Sr no of RMPU (PP side) : 14-A-015 Sr no of Microprocessor: AE-14-01-043/AMIT | EDTS 075,Rev-c Col I. | 02 |
| 02. | Switch board cabinet Make: ISG Sr no : 0052-13/2011 | EDTS 073 ,Rev -d | 01 |
| 03. | Pump equipment with PLC controller & pump box Make: KIND Sr no: 050878 Sr no.1: 30505235 Sr no.2: 30505236 Pump controller Sr no: 1305-0045 | EDTS 094,Rev`a` | 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 | Cat no D2D 133 -AB06-19 of EBM or equivalent approved | 02 |
| 05. | Vestibule Light Fitting Single | LW 76004,Alt-b | 07 |
| 06. | Ceiling light fitting DOUBLE w/o diffuser. | LW 76011,Alt -c | 09 |
| 07. | Ceiling light fitting with NL w/o diffuser w/o item 2&3 | LW 76013,Alt -c | 09 |
| 08. | Emergency light system for EOG type coaches (AEL) | EDTS 151,Rev-c | 04 |
| 09. | Lavatory light fitting assly | LW 76001,Alt nil | 04 |
| 10. | WC gauge signal light | LW 76006,Alt-c | 02 |


Senior Section Engineer
Quality control / Electrical
RCF, Raebareli



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




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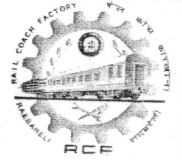
ROLLING STOCK CERTIFICATE OF LHB/EOG AC COACHES

| Sr no | Description | Drg/Spec no. | Quantity per Coach |
|-------|---|---|--------------------|
| 11. | Passenger alarm coach indication light | LW 76005,Alt-d | 02 |
| 12. | Fluorescent lamp 18W | RDSO/PE/SPEC/D/TL 0011-2000,Rev I, Sec-I, 07/2001 | 34 |
| 13. | Diffuser complete w/o item 1& 2. | LW 76012,Alt-a | 25 |
| 14. | Razor socket for WC 110/240V. | EDML 047,Rev nil | 04 |
| 15. | Terminal strip | EDML 034,Rev-a | 01 |
| 16. | Terminal connector | EDML 037,Rev`a` | 04 |
| 17. | Single switch 06A/250V/AC ONE WAY, complete with steel plate & cover frame | EDML 047,Rev nil, Item 1. | 09 |
| 18. | Single switch 16A/250V/AC ONE WAY complete with steel plate & cover frame | EDML 045,Rev nil, Item 2. | 09 |
| 19. | PA system for LHB coaches Make :AHUJA | EDTS 173,Rev-a Am-1,2&3 | 01 set |
| 20. | 70AH/110V,54 Cells,02V each ,maintenance free pure lead acid tin monoblock ,battery set with 09 modules 12V each. , factory pre charged. Make :A. RAJA Lug date :05/2013 | EDTS 129,Rev nil | 01 set |
| 21. | Battery box for LHB coaches. | 1 10113 0 76 700 005 w/o item 5,22 ,23 ,26 & 27. | 01 |


Senior Section Engineer
Quality control / Electrical
RCF, Raebareli



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| Sr no | Description | Drg/Spec no. | Quantity per Coach |
|-------|--|-----------------------------------|--------------------|
| 22. | Battery fuse box +ve Make : NEC | LW 71001,Alt`d | 01 |
| 23. | Battery fuse box -ve Make : NEC | LW 71002,Alt-d | 01 |
| 24. | Regulated battery charger Make : PYRAMID Sr no- PRBCA-137-16 | EDTS 074,Rev -c Corr.1 | 01 |
| 25. | Emergency battery charger Make : BHASIN Sr no- BC-0313021 | EDTS 163,Rev `c' corg.-2&3 | 01 |
| 26. | 60KVA transformer Make : VIMAL Sr no: 1998-2013/14 | EDTS 076 ,Rev-b Am-1 | 01 |
| 27. | ZS coupling 400A/750V/03Ph/50hz. Make : S INTERNATIONAL | EDTS 105,Rev-e Am-1,2 Corr.1 | 02 sets |
| 28. | Feeder junction boxes. Make : NEC | EDML 020,Rev-e | 02 |
| 29. | Wheel set earthling equipment. Make : MAA LAXMI INDUSTRIES | EDTS 101,Rev-c | 02 |
| 30. | Wheel Slide Protection System (WSP) Make : KNOOR & Sr no : 0113380856 | M/s : KNOOR | 01 set |
| 31. | PANTRY EQUIPMENTS : Hot Case & Bottle cooler cum deep freezer Make : VISHAL GAS SERVICE | EDTS -139 Rev- Nil, Am-1,2,3&4 | 01 |

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|--------------------|------------------|
| | |
| SEE/RCF/RBL | SSE/EL/QC |

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