



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 (DEEN DAYALU)

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2020-21/1287

|      |     |           |          |                  |                 |
|------|-----|-----------|----------|------------------|-----------------|
| RLY  | WR  | COACH NO  | 215655/C | DATE OF DISPATCH | 19-Mar-21       |
| Type | LWS | Shell No. | 20F205   | DISPATCH TO      | Sr.DME/C&W/GIMB |
|      |     |           |          | FUR.NO.          | DDG-668         |

1. Railway Board's Order No. : 2020/M(C)/142/2,DATED-21.08.2020
2. Tare weight of coach : 40.66 Tonnes
3. Carrying Capacity : (a) Seating: 100 (c) Luggage: NIL

4. Special feature:

| S NO | DESCRIPTION  | MAKE/SUPPLIER    |
|------|--|------------------|
| A    | Cushion transverse side luggage rack which can serve as seat during rush                                     | M/S-CMT VADODARA |
| B    | Honey comb partition frame.  | M/S-CMT VADODARA |
| C    | DGFRP/GFRE paneling.   | M/S-CMT VADODARA |
| D    | Lavatory with DGFRP/GFRE paneling.   | M/S-CMT VADODARA |
| E    | Additional Hand hold.  | M/S-CMT VADODARA |
| F    | Counter top wash basin.  | M/S-CMT VADODARA |
| G    | Gel coating & Anti Graffiti measures.  | M/S-VIBGYOR      |
| H    | Air spring in secondary suspension (capacity-140KN).   | M/S-RESISTO FLEX |
| I    | Fire Extinguishers   | M/S-A-ONE        |
| J    | Vestibule ends for inter-coach movement of passenger and the service staff (LWSCN type End wall)             |                  |
| K    | 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 1101/1105 |

6. TRACEABILITY OF SHELL ITEMS:

| S NO | ITEM                  | MAKE/SUPPLIER      | SERIAL NO                |
|------|-----------------------|--------------------|--------------------------|
| 1    | Under frame           | PP END             | M/S-SANTECH              |
|      |                       | NPP END            | M/S-SANTECH              |
|      |                       | Complete           | MCF/RBL-AIRCON           |
| 2    | Lav. side wall        | M/S-INDIRA CHENNAI | LAV.1                    |
|      |                       | M/S-INDIRA CHENNAI | LAV.3                    |
| 3    | Side wall             | LH SIDE            | MCF/RBL-V4U-LKO          |
|      |                       | RH SIDE            | MCF/RBL-V4U-LKO          |
| 4    | End wall              | PP END             | M/S-ECBT                 |
|      |                       | NPP END            | M/S-EEPL                 |
| 5    | Roof                  | M/S-INDIRA         | 55                       |
| 6    | Centre Buffer Coupler | M/S-FRONTIER       | PP END 41P2 NPP END 18P1 |

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 <sup>2</sup> . | 6 – 10 sec.                    | 07 sec                 |
|      |                        | Max. pressure in BC  | 3.0 ±0.15 kg/cm <sup>2</sup> . | 3.0 kg/cm <sup>2</sup> |
|      |                        | All Brake are applied                                      | OK                             | OK                     |
| 2    | Insensitivity          | Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min.                  | No brake application           | OK                     |
| 3    | Sensitivity            | Exhaust BP @ 0.1 kg/cm <sup>2</sup> /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           | VIBGYOR | M/S-VIBGYOR WOW (S&A)                           | 77/96               | 17-Mar-21          |
| 2    | Insulation  |               |         | Satisfactory                                    |                     |                    |

वरिष्ठ अभियंता  
SSE/QC/MCF/RBL  
३० डि० का०, 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/2020-21 - 1287**

|     |   |   |   |   |           |   |   |   |   |   |   |   |   |   |                  |   |   |   |   |   |   |   |   |
|-----|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | W | R | - | - | Coach No. | 2 | 1 | 5 | 6 | 5 | 5 | / | C | - | DATE OF DISPATCH | 1 | 9 | 0 | 3 | 2 | 0 | 2 | 1 |
|-----|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

|          |                 |      |   |   |   |   |   |   |           |   |   |   |   |   |   |         |          |
|----------|-----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---------|----------|
| DISPATCH | Sr.DME/C&W/GIMB | Type | L | W | S | - | - | - | Shell No. | 2 | 0 | F | 2 | 0 | 5 | FUR .NO | DDG- 668 |
|----------|-----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---------|----------|

**9. DETAIL OF BOGIES:**

| ITEMS         | NPP Side               |                        |                        |                        | PP Side                |                        |                        |                        |
|---------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Bogie No      | 202593                 |                        |                        |                        | 202594                 |                        |                        |                        |
| Bogie Type    | LWS                    |                        |                        |                        | LWS                    |                        |                        |                        |
| Frame no.     | AML-319                |                        |                        |                        | AML-321                |                        |                        |                        |
| Bolster no.   | MCF/RBL-2844           |                        |                        |                        | MCF/RBL-2966           |                        |                        |                        |
| Axle No       | 20 A - 0235 RWF        |                        | 20 A - 5759 RWF        |                        | 20 A - 3480 RWF        |                        | 20 A - 3583 RWF        |                        |
| Wheel Dia     | 917.106                | 917.197                | 917.16                 | 917.22                 | 917.186                | 917.644                | 917.407                | 917.319                |
| Wheel Disc No | TZ 06-19<br>51466-9PH7 | TZ 02-19<br>27131-9MI6 | TZ 11-19<br>88256-9MJ6 | TZ 02-19<br>27129-9MJ6 | TZ 12-18<br>20516-8WQ9 | TZ 02-19<br>25098-9ML4 | TZ 08-19<br>75597-9SJ8 | TZ 02-19<br>27130-9MJ6 |
| R.B. Nos.     | 12-19 405548           | 01-20 401102           | 01-20 405870           | 01-20 403996           | 01-20 405752           | 01-20 405409           | 01-20 405273           | 01-20 405646           |
| 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. | RESISTROFLEX<br>06-20 15369 | RESISTROFLEX<br>05-20 14236 | RESISTROFLEX<br>20-07 15434 | RESISTROFLEX<br>20-05 14209 |

**11. TRACEABILITY OF BOGIE ITEMS :-**

| S. NO | ITEM                       | MAKE/ SUPPLIER | SERIAL NO.                                |  |
|-------|----------------------------|----------------|---|--|
|       |                            |                | NPP SIDE                                  | PP SIDE                                    |
| 1.    | Yaw Damper                 | ESCORT         | 6296,6292                                 | 6739,6305                                  |
| 2.    | Primary outer Spring       | CMFSK          | 06-20 1100-(1568,1579,1575,1515)          | 06-20 1100-(1579,1569,1570,689)            |
| 3.    | Primary Inner Spring       | CMFSK          | 06-20 F06-198-(467,1425,474,442)          | 06-20 F06-198-(428,436,456,447)            |
| 4.    | Primary Damper             | IAI            | 01-20 (301044,301295,299761,299667)       | 01-20 (300711,229681,301338,298838)        |
| 5.    | Secondary Damper           | IAI            | 01-20 (302841,302975)                     | 01-20 (302648,302519)                      |
| 6.    | Lateral Damper             | KONI/ IAI      | 04-19 00230                               | 09-19 274802                               |
| 7.    | Brake Cylinder             | FAV            | A21(160,122,149,159)                      | G20-576,F20(303,495,300)                   |
| 8.    | Brake Caliper              | FAV            | A21(302,300,299,301)B                     | G20(1927,1925,1926,1928)B                  |
| 9.    | Brake Disc                 | AVADH          | 09-18(3120649,31200652,31200620,31200691) | 09-18(20200581,30200580,31200622,30200546) |
| 10.   | Ball Joint Control Arm     | BONY           |   |  |
| 11.   | Lateral Bump Stop          | GMT            |   |  |
| 12.   | Traction Centre make       | RNG/RF         |   |  |
| 13.   | Traction lever make        | TAJ            |   |  |
| 14.   | Ball joint traction lever  | BONY           |   |  |
| 15.   | Ball joint traction centre | BONY/SGA       |   |  |
| 16.   | Leveling Valve             | FAV            | K19-667,L19-143                           | L19-414,K19-836                            |
| 17.   | Check Valve                | FAV            | G20-066                                   | G20-017                                    |
| 18.   | Anti roll bar Make         | RF             |   |  |
| 19.   | Roll Link make             | RF+BASANT      |   |  |
| 20.   | Fork make                  | RNG            |   |  |
| 21.   | Control Arm Upper          | CC             | 19M72,19L581,19L479,19L45                 | 19M64,19L495,19M30,19L687                  |
| 22.   | Control Arm Lower          | CC             | 19L499,20A410,20B437,19L751               | 19L503,19L425,19L452,19L615                |
| 23.   | Phonic Wheel               | KBI            | K07-20                                    | K07-20                                     |

Signature of SSE/Bogie/QC



Modern Coach Factory Raebareli  
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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REV NO: 01  
DATE: 17.04.2018

ROLLING STOCK CERTIFICATE (DEEN DAYALU)

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2020-21/1287

|      |     |           |          |                  |                 |
|------|-----|-----------|----------|------------------|-----------------|
| RLY  | WR  | COACH NO  | 215655/C | DATE OF DISPATCH | 19-Mar-21       |
| Type | LWS | Shell No. | 20F205   | DISPATCH TO      | Sr.DME/C&W/GIMB |
|      |     |           |          | FUR.NO.          | DDG-668         |

12. TRACEABILITY OF FURNISHING ITEMS:

| S NO | ITEM                              | MAKE/SUPPLIER                         | SERIAL NO(NPP/PP) |
|------|-----------------------------------|---------------------------------------|-------------------|
| 1    | Air Brake Module                  | M/S-FAIVELEY                          | B21059B           |
| 2    | Distribution valve                | M/S-FAIVELEY                          | B215567B          |
| 3    | Pull box                          | M/S- KBI                              |                   |
| 4    | FIBA                              | M/S- KBI                              | 12251/29,12250/29 |
| 5    | Foot Step                         | M/S-FABRICON KOLKATA                  |                   |
| 6    | Decoupling arrangement            | M/S-PULSER KOLKATA                    |                   |
| 7    | Floor board                       | M/S-SHREE RAM PNL                     |                   |
| 8    | PVC                               | M/S-CMT VADODARA                      |                   |
| 9    | Lavatory inlay                    | M/S-CMT VADODARA                      |                   |
| 10   | UIC Vestibule (PPE)               | M/S-ELASTOMER MUMBAI                  |                   |
| 11   | UIC Vestibule (NPPE)              | M/S-ELASTOMER MUMBAI                  |                   |
| 12   | Gangway bridge mounting (PPE)     | M/s-MMW KXH                           |                   |
| 13   | Gangway bridge mounting (NPPE)    | M/s-MMW KXH                           |                   |
| 14   | Body Side Window                  | M/S-CMT VADODARA                      |                   |
| 15   | Emergency Window                  | M/S-CMT VADODARA                      |                   |
| 16   | Lavatory/hopper Window            | M/S-CMT VADODARA                      |                   |
| 17   | Roof Ceiling                      | M/S-CMT VADODARA                      |                   |
| 18   | Door way /gang way ceiling        | M/S-CMT VADODARA                      |                   |
| 19   | Body Side Doors 1,3               | M/S-JVR LDH                           |                   |
|      | Body Side Doors 2,4,5,6           | M/S-JBM FARIDABAD                     |                   |
| 20   | Vestibule Door(PPE)               | M/S-JBM FARIDABAD                     |                   |
| 21   | Vestibule Door(NPPE)              | M/S-JBM FARIDABAD                     |                   |
| 22   | Bio Tank                          | M/S-RAIL FAB -02 NOS+JSL LIFE -02 NOS |                   |
| 23   | Pressurized flushing(ele.pneu.)   | M/S-AIR FLOW                          |                   |
| 24   | Over head water tank (4x390L)     | M/S-RAIL FAB KXH                      |                   |
| 25   | Bib cock/controlled discharge tap | M/s-JAQUAR ALWAR                      |                   |
| 26   | Lavatory Doors                    | M/S-CMT VADODARA                      |                   |
| 27   | Fire Extinguisher                 | M/S-A-ONE                             | 190,124           |
| 28   | Water purified (02 nos)           | M/S-CMT VADODARA                      |                   |
| 29   | Seat & Berth                      | M/S-CMT VADODARA                      |                   |
| 30   | Luggage Rack                      | M/S-CMT VADODARA                      |                   |
| 31   | Light Luggage Rack                | NIL                                   |                   |
| 32   | Ventury grill                     | M/S-CMT VADODARA                      |                   |
| 33   | RFID                              | NIL                                   |                   |

वरिष्ठ अभियंता  
SSE/QC/MCF/RBL  
रेडिओका, रायबरेली (लालगंज)





Modern Coach Factory Raebareilly  
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002  
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ROLLING STOCK CERTIFICATE (DEEN DAYALU)  
Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2020-21/1287

|      |     |           |          |                  |                 |
|------|-----|-----------|----------|------------------|-----------------|
| RLY  | WR  | COACH NO  | 215655/C | DATE OF DISPATCH | 19-Mar-21       |
| Type | LWS | Shell No. | 20F205   | DISPATCH TO      | Sr.DME/C&W/GIMB |
|      |     |           |          | FUR.NO.          | DDG-668         |

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.

|  |   |  |
|--|---|--|
| <br>वरिष्ठ अभियंता<br>SSE/QC/MCF/RBL<br>गुणवत्ता विभाग<br>ने 0डि०का०, रायबरेली (लालगंज) | <br>16/6<br>SME/AME/QC/MCF/RBL<br>आधुनिक रेल डिब्बा कारखाना, रायबरेली<br>Modern Coach Factory, Raebareilly | <br>उप मुख्य गुणवत्ता प्रबन्धक<br>16/6/21<br>Dy. Chief Quality Manager<br>Dy. COM/MCF/RBL<br>आधुनिक रेल डिब्बा कारखाना, रायबरेली<br>Modern Coach Factory, Raebareilly |
|--|---|--|

ने 0डि०का०, रायबरेली (लालगंज)

Assistant Mechanical Engineer / Quality-1  
आधुनिक रेल डिब्बा कारखाना, रायबरेली  
Modern Coach Factory, Raebareilly

आधुनिक रेल डिब्बा कारखाना, रायबरेली  
Modern Coach Factory, Raebareilly





**Vibgyor Paints & Chemicals Pondicherry**

Office : Sri Balaji Apartments, 87/47, Harrington Road,  
Shenoy Nagar, Chennai - 600 030.  
Web : [www.vibgyorpaintspondicherry.com](http://www.vibgyorpaintspondicherry.com)

ISO : 9001 : 2015  
ISO : 14001 : 2015  
Certified Company

## WARRANTY CERTIFICATE

To,

DY.CME/FUR/PAINT  
MODERN COACH FACTORY  
RAEBARELI, LALGANJ- 229120

Date:- 19/03/2021

SUBJECT: -PERFORMANCE WARRANTY CERTIFICATE  
REF: PO NO: 31061800101633 dated 01.10.2019

NAME OF WORK: SUPPLY AND APPLY OF PU BASED WET ON WET APPLICABLE EXTERIOR PAINTING SYSTEM FOR LHB COACHES AS PER SCOPE OF WORK AND MMDTS-18034 REV-02 WITH AMENDMENT NO MP/RBL/BB DT 28/05/2019 (EPOXY ELASTIFIED PAINT INSIDE THE COACH NOT TO BE CARRIED OUT PAINTING CYCLE TIME WILL BE 30 HRS AS MENTION IN MMDTS-18034 REV-02)

Dear Sir,

With reference to above, we do here by confirm the warranty for six years from the date of application of the delivered below mention coaches vide your above referred purchase order after application & date inspection at your end.

| SL.NO | SHELL NO        | FURNISHING NO | COACH NO | RAILWAY NO | DATE OF COMPLETION       |
|-------|-----------------|---------------|----------|------------|--------------------------|
| 133   | LWSDG<br>20F205 | DDG<br>668    | 215655/C | WR         | 27/02/2021<br>17/03/2021 |

The warranty is applicable from date of despatch against the below mention defects as per RDSO Specification no. MMDTS 18034 REV-02

Gloss should be above 70 at 60 degree during the initial period and entire life of 6 years

Decolourization of paint film.  
Cracking of paint film  
Peeling of paint film  
Blistering of the paint film



Thanking You  
For Vibgyor paints & chemicals Pondicherry

Factory : S-51, Phase III, Sipcot Industrial Complex, Nellikuppam, Ranipet - 632 405.  
Ph : +91-4172-241478, Fax : +91-4172-242478, E-mail : [vpcedyr@yahoo.in](mailto:vpcedyr@yahoo.in), [ramuvibgyor@yahoo.in](mailto:ramuvibgyor@yahoo.in)

**We have Solutions for Ecofriendly Industrial Coatings**



Modern Coach Factory Raebareli  
आधुनिकरेलडिब्बाकारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 01

DATE: 29.06.2020

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FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB EOG NON AC GS COACH  
(ANTYODAYA & DEENDAYALU).


ELECTRICAL TEST CERTIFICATE FOR LHB EOG NON AC GS COACH.

| TYPE COACH | LWS/DDG   | SHELL/COACH NO     | 215655/C                      |
|------------|---|--------------------|-------------------------------|
| RAILWAY    | WR  | ELECT. FIT<br>DATE | 17-03-2021<br>MCF FUR.<br>NO. |
| Sr.<br>no. | Description of tests  |                    | Remarks                       |
| 1.         | WORKING OF COMPARTMENT LIGHTS.                                  |                    | OK                            |
| 2.         | WORKING OF MOBILE CHARGING SOCKETS                              |                    | OK                            |
| 3.         | WORKING OF ACCIDENTAL EMERGENCY LIGHTS& PACIL                   |                    | OK                            |
| 4.         | RAILWAY CARRIAGE FAN  |                    | OK                            |
| 5.         | WHEEL SLIDE PROTECTION SYSTEM ( WSP )                           |                    | OK                            |
| 6.         | WORKING OF 9 KVA TRANSFORMER                                    |                    | OK                            |
| 7.         | WORKING OF REGULATED BATTERY CHARGER/EMERGENCY BATTERY CHARGER. |                    | OK                            |
| 8.         | SAFETY :  |                    | --                            |
| 8.1.       | FUSES AND THEIR RATING  |                    | OK                            |
| 8.2        | CONTROL CIRCUIT   |                    | OK                            |
| 8.3        | POWER CIRCUIT   |                    | OK                            |

Senior Section Engineer  
Quality control / Electrical  
Modern Coach Factory Raebareli





|   |  |                           |
|---|--|---------------------------|
|  | <b>Modern Coach Factory Raebareli</b><br><b>आधुनिकरेलडिब्बाकारखाना, रायबरेली</b> | DOC NO.: MCF/RBL/QEF/8001 |
|   |  | REV NO: 01                |
|   |  | DATE: 29.06.2020          |


PAGE 2 OF 4

**ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC GS COACHES**  
**(ANTYODAYA & DEENDAYALU).**

| Sr. no. | Description  | Drg./Spec no.  | Quantity per Coach |
|---------|--|--|--------------------|
| 01.     | Fitment of Switch board cabinet.(set of panel)<br>Make/Sr.no.: <b>SSK</b><br>On Board: <b>20/06/015</b><br>HT Panel: <b>20/06/039</b>                  | EDTS 333, Rev`01`.Am-1   | <b>01 SET</b>      |
| 02.     | Provision of 9 KVA 750/415/190V, 03Ø AC.<br>Make : <b>VIMAL</b><br>Sr no.: <b>VTC 3089 LHB 4400</b>  | RDSO/PE/SPEC/TL 0158, 2010,<br>Rev`0`,Ty I.                                      | <b>01</b>          |
| 03.     | Mounting of 09KVA TFR.   | As per drg no<br>1.10113.0.76.300.001,Alt -B.                                    | OK                 |
| 04.     | Provision of wire rope assembly for Transformer.   | As per EDML-152, Rev.-Nil.   | OK                 |
| 05.     | 4.5 Kw Under slung type Constant Voltage Regulated Battery charger cum Emergency battery charger<br>Make: <b>SIGNOTRON</b><br>Sr. no.: <b>08201777</b> | As per spec no.<br>RDSO/PE/SPEC/AC/0183-2015(REV.-1)                             | <b>01</b>          |
| 06.     | Provision of Feeder Junction Box<br>Make : <b>MV ELECTROSYSTEMS</b>  | EDTS-328 REV-C,AM-4,Type-II,COR-2  | <b>01 SET</b>      |
| 07.     | Provision of IVC dummy Socket assembly.  | As per Drg. No. LW71302,Alt-nil  | <b>01 SET</b>      |
| 08.     | Battery fuse box +ve<br>Make : <b>INDORAIL</b>   | As per LW 71001,Alt- H   | <b>01</b>          |
| 09.     | Battery fuse box -ve<br>Make : <b>AECO</b>   | As per LW 71002,Alt-I  | <b>01</b>          |
| 10.     | Provision of Battery boxes/ <b>Cradles.</b><br>Make: <b>HITECH</b>   | As per Drg. No. 110113.0.76.700.005<br>W/O item 5,22,23,26 & 27,Alt-C or Latest. | <b>01</b>          |
| 11.     | Provision of batteries Type:110 V, 120 AH VRLA SMF Battery Set.<br>Make: <b>AMARA RAJA</b> Lug Date: <b>06/20</b>                                      | As per RDSO/PE/SPEC/AC/0009-2014 (Rev-2) with inner cell connectors or Latest.   | <b>01</b>          |

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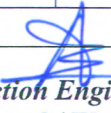


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|   |  | REV NO: 01                |
|   |  | DATE: 29.06.2020          |

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ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC GS COACHES  
(ANTYODAYA & DEENDAYALU).

| Sr. no. | Description  | Drg./Spec no.  | Quantity per Coach |
|---------|--|--|--------------------|
| 12.     | Fitment of Railway carriage Fan 400mm Sweep, 110V AC with crash worthy features.<br>Make: <b>SARIA</b> | As per Drg. No. ICF/SK-7-6-158,alt-g. RDSO/PE/SPEC/TL/0021-2005 (Rev-3) with RCF annex-1,am-1. | <b>30</b>          |
| 13.     | Fitment of LED Light fittings for Cabin, Doorway and Gangway area. 9 watt.<br>Make: <b>DR AUTO</b>     | As per RDSO/PE/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1 .Type-B1.<br>Drg. No. CC76453.         | <b>28</b>          |
| 14.     | Fitment of LED Light fittings for Lavatory Lights. 9 Watt.<br>Make: <b>DR AUTO</b>                     | As per RDSO/PE/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1Type-D.<br>Drg. No. LW76092.            | <b>04</b>          |
| 15.     | Fitment of LED Light fittings for PACIL.<br>Make: <b>AGASTYA</b>                                       | As per RDSO/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1Type-I. Drg. No. LW76098.                  | <b>02</b>          |
| 16.     | Fitment of Accidental Emergency Light (AEL)<br>Make: <b>INTEG</b>                                      | As per RDSO/SPEC/AC/0180-2016,Rev-0 ,Type-II.  | <b>04</b>          |
| 17.     | Provision of Cable binder  | Drg. No. CC76120,Item - 1,2,3.100mm,200mm,300mm respectively.                                  | <b>OK</b>          |
| 18.     | Provision of Cable Jacket System.  | EDTS-138,Cor-2,Item-5,7,8,9,11.  | <b>OK</b>          |
| 19.     | Provision of Switch plate assembly along with mobile charging sockets.<br>Make: <b>SSK</b>             | EDML-086, Rev-6, Am-1, Table-1, Item-1.  | <b>10</b>          |

  
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|  |  | REV NO: 01                |
|  |  | DATE: 29.06.2020          |

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**ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC GS COACHES**  
**(ANTYODAYA & DEENDAYALU).**

| Sr. no. | Description   | Drg./Spec no.  | Quantity per Coach |
|---------|---|--|--------------------|
| 20.     | Provision of Switch plate assembly along with mobile charging sockets.<br>Make: <b>SSK</b>  | EDML-086, Rev-6, Am-1, Table-1, Item-2.  | <b>10</b>          |
| 21.     | Provision of High Capacity Inter – Vehicular Coupler Unit (ZS Coupling) (500 A, 750 V, 3ph, 50 Hz).<br>Make:<br>1.(NPP): <b>PRIME ELECT.</b><br>2.(PP): <b>PRIME ELECT.</b> | As per Spec. no.<br>RDSO/PE/SPEC/AC/0177(Rev.-0)-2013 with annexure-A, B.                      | <b>1 SET</b>       |
| 22.     | Mounting of Inter Vehicle coupler   | As per drg no.1.10113.0.74.000.001,Alt-B   | <b>OK</b>          |
| 23.     | Provision of Wheel Set Earthing equipment. Make:-<br>NPP: <b>FLUCON</b><br>PP: <b>FLUCON</b>  | EDTS101,REV-C,AM-1   | <b>1 SET</b>       |
| 24.     | Provision of Anti Skid Disk Brake System.(WSP)<br>Make : <b>FAIVELEY</b><br>Sr no : <b>13155</b>  | As per MDTs 077,Rev.-2<br>M/s"FAIVELEY"<br>or "Knorr Bremse", or "ESCORTS"<br>or" JWL-DAKO-CZ" | <b>01 SET</b>      |

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|---|---|
|   |   |
| <b>SSE/EL/QC</b><br><b>वरिष्ठ अनुभाग अभियन्ता</b><br><b>गुणवत्ता नियंत्रण</b><br><b>आ०रे०डि०का० / लालगंज / रायबरेली</b><br><b>S.S.E./Elect-QC/M.C.F./LJ/RBL</b> | <b>AWM(ELECT.)/MCF/RBL</b><br><b>SEE(P)/MCF/RBL</b> |

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