



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/2020-21/1337

| | | | | | |
|------|-----|-----------|----------|------------------|----------------|
| RLY | NFR | COACH NO | 215829/C | DATE OF DISPATCH | 25.03.2021 |
| Type | LWS | Shell No. | 20F214 | DISPATCH TO | Sr.DME/C&W/KIR |
| | | | | FUR.NO. | DDG-669 |

- Railway Board's Order No. : 2020/M(C)/142/2,DATED-01-05-2020
- TARE WEIGHT OF COACH : 40.66 Tonnes
- 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 INDS VADODARA |
| B | Honey comb partition frame. | M/S-CMT INDS VADODARA |
| C | DGFRP/GFRE paneling. | M/S-CMT INDS VADODARA |
| D | Lavatory with DGFRP/GFRE paneling. | M/S-CMT INDS VADODARA |
| E | Additional Hand hold. | M/S-CMT INDS VADODARA |
| F | Counter top wash basin. | M/S-CMT INDS VADODARA |
| G | Gel coating & Anti Graffiti measures. | M/S-G.S. INDUSTRIES |
| H | Air spring in secondary suspension (capacity-140KN). | M/S-RESISTO FLEX |
| I | Fire Extinguishers | M/s-A-ONE INDS. MUMBAI |
| 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 1100/1105 |

6. TRACEABILITY OF SHELL ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|-----------------------|---------------------------|-----------------------------|
| 1 | Under frame | PP END M/S-OMAX AUTO | — |
| | Part | NPP END M/S-OMAX AUTO | — |
| | Complete | MCF/RBL/AIRCON | 20F214 |
| 2 | Lav. side wall | M/S-KANSAL MOHALI | LAV.1 — LAV.2 — |
| | | M/S-KANSAL MOHALI | LAV.3 — LAV.4 — |
| 3 | Side wall | LH SIDE MCFRBL-CONT.V4U | 74/01 |
| | | RH SIDE MCFRBL-CONT.V4U | 74/02 |
| 4 | End wall | PP END M/S-RAIL TECH KXH | — |
| | | NPP END M/S-RAIL TECH KXH | — |
| 5 | Roof | M/S-UNIVERSAL | 49 |
| 6 | Centre Buffer Coupler | M/S-FRONTIER | PP END 201-P1 NPP-END 54-P1 |

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. | 08 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 | G.S. INDUS | M/S-G.S. INDUSTRIES | 75/88 | 28.02.2021 |
| 2 | Insulation | | | Satisfactory | | |

(Signature)
03/06/21
SSE/QC/MCF/RBL

वरिष्ठ अनुसंधान अभियंता
गुणवत्ता विभाग
रेडिओका, 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 - 1337**

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | N | F | R | - | Coach No. | 2 | 1 | 5 | 8 | 2 | 9 | / | C | - | DATE OF DISPATCH | 2 | 5 | 0 | 3 | 2 | 0 | 2 | 1 |
|-----|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | |
|----------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---------|----------|
| DISPATCH | Sr.DME/C&W/KIR | Type | L | W | S | - | - | - | Shell No. | 2 | 0 | F | 1 | 2 | 4 | FUR .NO | DDG- 669 |
|----------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---------|----------|

9. DETAIL OF BOGIES:

| ITEMS | NPP Side | | | | PP Side | | | |
|---------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Bogie No | 202597 | | | | 202598 | | | |
| Bogie Type | LWS | | | | LWS | | | |
| Frame no. | AML- 323 | | | | AML-329 | | | |
| Bolster no. | AMIT -566 | | | | AMIT-606 | | | |
| Axle No | 21 C - 4288 RWF | | 21 C - 3322 RWF | | 21 C - 3806 RWF | | 21 C - 4490 RWF | |
| Wheel Dia | 917.367 | 917.404 | 917.564 | 917.639 | 917.426 | 917.415 | 917.472 | 917.539 |
| Wheel Disc No | TZ 09-20 31958-0TE8 | TZ 09-20 28989-0SF9 | TZ 09-20 30683-0TC4 | TZ 09-20 18105-0PLO | TZ 09-20 31524-0TD0 | TZ 09-20 27128-0SD4 | TZ 09-20 28987-0SF9 | TZ 09-20 33654-0TD6 |
| R.B. Nos. | 06-20 413929 | 06-20 413298 | 06-20 412827 | 06-20 411871 | 06-20 413352 | 06-20 413159 | 06-20 413237 | 06-20 413156 |
| 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 05-20 14242 | RESISTROFLEX 06-20 15212 | RESISTROFLEX 06-20 15389 | RESISTROFLEX 05-20 15469 |

11. TRACEABILITY OF BOGIE ITEMS :-

| S. NO | ITEM | MAKE/ SUPPLIER | SERIAL NO. | |
|-------|----------------------------|-------------------|--|--|
| | | | NPP SIDE | PP SIDE |
| 1. | Yaw Damper | IAI | 301421,301431 | 301418,301559 |
| 2. | Primary outer Spring | CMAFI | 08-20 1100-(328,375,358,359) | 08-20 1100-(342,339,343,337) |
| 3. | Primary Inner Spring | CMAFI | 08-20 1101-(378,375,380,273) | 08-20 1101-(92,96,3,93) |
| 4. | Primary Damper | IAI | 01-20 (300730,300662,299284,299209) | 01-20 (299086,299200,299+702,301317) |
| 5. | Secondary Damper | IAI | 01-20 (295609,295555) | 01-20 (295539,295640) |
| 6. | Lateral Damper | KONI | 04-19 01468 | 04-19 00194 |
| 7. | Brake Cylinder | FAV | F20 (336,454,456,385) | G 20(748,724,747),E20-(724) |
| 8. | Brake Caliper | FAV | G20-(1940,1938,1937,1939)B | H 20 (215,213,214,216)B |
| 9. | Brake Disc | KBI | 24241024 0057-50/20,24241024 0058-50/20 24241020 0078-49/20,24241022 0001-49/20 | 24243857 0074-51/20,24243858 0080-51/20 24243859 0074-51/20,24243859 0068-51/20 |
| 10. | Ball Joint Control Arm | GMT | | |
| 11. | Lateral Bump Stop | GMT | | |
| 12. | Traction Centre make | RNG | | |
| 13. | Traction lever make | TAJ | | |
| 14. | Ball joint traction lever | BONY | | |
| 15. | Ball joint traction centre | BONY/GMT | | |
| 16. | Leveling Valve | FAV | K19-661,L19-421 | K19-790,K19-544 |
| 17. | Check Valve | FAV | L19-141 | F20-027 |
| 18. | Anti roll bar Make | RF | | |
| 19. | Roll Link make | RF+GMT | | |
| 20. | Fork make | RNG | | |
| 21. | Control Arm Upper | SF | 113,83,31,44 | 68,18,107,42 |
| 22. | Control Arm Lower | SF | 50,28,32,23 | 129,66,22,228 |
| 23. | Phonic Wheel | KBI | K 01-21 | K 01-21 |

Signature of SSE/Bogie/QC



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

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| RLY | NFR | COACH NO | 215829/C | DATE OF DISPATCH | 25.03.2021 |
| Type | LWS | Shell No. | 20F214 | DISPATCH TO | Sr.DME/C&W/KIR |
| | | | | FUR.NO. | DDG-669 |

12. TRACEABILITY OF FURNISHING ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO(NPP/PP) |
|------|-----------------------------------|---|-------------------|
| 1 | Air Brake Module | M/S- FAIVELEY | B21 094B |
| 2 | Distribution valve | M/S- FAIVELEY | B21 5603B |
| 3 | Pull box | M/S- KBI | |
| 4 | FIBA | M/S- KBI | 12422-29/12425-29 |
| 5 | Foot Step | M/S-FABRICON INDS KOLKATA | |
| 6 | Decoupling arrangement | M/S-PULSAR INDS KOLKATA | |
| 7 | Floor board | M/S-SHREERAM PNL GOVINDGARH | |
| 8 | PVC | M/S-CMT INDS VADODARA | |
| 9 | Lavatory inlay | M/S-CMT INDS VADODARA | |
| 10 | UIC Vestibule (PPE) | M/S-ELASTOMER INDS MUMBAI | |
| 11 | UIC Vestibule (NPPE) | M/S-ELASTOMER INDS MUMBAI | |
| 12 | Gangway bridge mounting (PPE) | M/s-MAHAVEER METAL WORKS KXH | |
| 13 | Gangway bridge mounting (NPPE) | M/s-MAHAVEER METAL WORKS KXH | |
| 14 | Body Side Window | M/S-CMT INDS VADODARA | |
| 15 | Emergency Window | M/S-CMT INDS VADODARA | |
| 16 | Lavatory/hopper Window | M/S-CMT INDS VADODARA | |
| 17 | Roof Ceiling | M/S-CMT INDS VADODARA | |
| 18 | Door way /gang way ceiling | M/S-CMT INDS VADODARA | |
| 19 | Body Side Doors | M/S-JVR INDS LUDIYANA | |
| 20 | Vestibule Door(PPE) | M/S-JBM INDS FARIDABAD | |
| 21 | Vestibule Door(NPPE) | M/S-JBM INDS FARIDABAD | |
| 22 | Bio Tank | M/S-RAIL FAB-(02nos),JSL LIFE STYLE-(02nos) | |
| 23 | Over head water tank (4x390L) | M/S-FABRICATORS INDIA | |
| 24 | Pressurized flushing (ele pneu.) | M/S-SPAC | |
| 25 | Bib cock/controlled discharge tap | M/s-JAQUAR PVT LTD ALWAR | |
| 26 | Lavatory Doors | M/S-CMT INDS VADODARA | |
| 27 | Fire Extinguisher | M/s-A-ONE INDS. MUMBAI | 166/151 |
| 28 | Water purified (02 nos) | M/S-CMT INDS VADODARA | |
| 29 | Seat & Berth | M/S-CMT INDS VADODARA | |
| 30 | Luggage Rack | M/S-CMT INDS VADODARA | |
| 31 | Light Luggage Rack | NA | |
| 32 | Ventury grill | M/S-CMT INDS VADODARA | |
| 33 | RFID | NA | |

03/04/21
SSE/OC/MCF/RBL
वरिष्ठ अनुष्ठानिक अभियंता
महानगर विभाग

रेलवे, रायबरेली (आलगांज)





Modern Coach Factory Raebareilly
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QMF 8002
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| | | | | | |
|------|-----|-----------|----------|------------------|----------------|
| RLY | NFR | COACH NO | 215829/C | DATE OF DISPATCH | 25.03.2021 |
| Type | LWS | Shell No. | 20F214 | DISPATCH TO | Sr.DME/C&W/KIR |
| | | | | FUR.NO. | DDG-669 |

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:

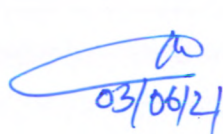
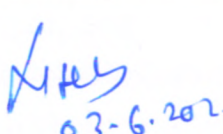
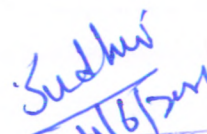
| S NO | COMPONENTS | WARRANTY |
|------|---|--|
| 1 | Brake Pad, wheels, flushing valves, push gravity cocks, moldings, window glasses, mirrors, curtain clutch wire etc. (items which are consumable in nature) | NIL |
| 2 | Other coach furnishing sub assemblies(bought out items) | 24 months from the 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 qualityrcfrbl@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.

| | | |
|---|--|---|
|  |  |  |
| SSE/QC/MCF/RBL | SME/AME/QC/MCF/RBL | Dy. COM/MCF/RBL |

वरिष्ठ अभियंता
गुणवत्ता विभाग
रेडिओका, रायबरेली (लालगंज)

असहायक यांत्रिक इंजीनियर
आ. रे. डि. का. रायबरेली
MCF, RBL

आधुनिक रेल डिब्बा कारखाना
Modern Coach Factory



GSTIN : 03ACBPK3400D1ZM
Excise Regn. No. ACBPK3400DXM001

G. S. INDUSTRIES

APPROVED BY

**N.S.I.C.
R.D.S.O.**

**ISO 9001-2015
ISO 14001-2015**

D-146, FOCAL POINT EXTENSION, JALANDHAR-144004

PHONE : (O) 0181-5081474
(M) 99882-65025, 99884-55459
Website : www.gspaints.com
e-mail : info@gspaints.com

WARRANTY CERTIFICATE

To,
Dy.CME/FP
MODERN COACH FACTORY,
RAEBARELI, LALGANJ-229120

Dated 4/3/21

Sub:- Performance warranty certificates.

Ref: - P.O.no 31061800101167 DATED 21.08.2019

Name Of Work: - Pu Paint For Lhb Type Rajdhani Coaches.

Dear Sir,

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

| SR. | SHELL NO. | FURNISHING NO. | COACH NO. | Railway NO. | DATE OF COMPLETION |
|-----|-----------------|----------------|-----------|-------------|--------------------|
| 285 | LWSD6 20F214 | DD6-669 | 215829/C | NFR | 28.2.21 |


The warranty is applicable from date of dispatch against the below mention defects as per RDSO specification no. M&C/PCN/100/2018.

- Gloss level value of applied paint-initial 85 unit (on the date of painting) and minimum 80%, 70% and 60% of initial gloss after one year, two years and three years respectively from the date of application
- Decolonization of paint film.
- Cracking of paint film.
- Peeling of paint film.
- Blistering of the paint film.

Thanking you,
For G.S. Industries

Auth. signatory



| | | |
|---|--|---------------------------|
|  | 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.

| ELECTRICAL TEST CERTIFICATE FOR LHB EOG NON AC GS COACH. | | | | | | |
|--|---|---------|--------------------|----------------|-----------------|-----------|
| TYPE COACH | | LWS/DDG | | SHELL/COACH NO | | 215829/C |
| RAILWAY | | NFR | ELECT. FIT DATE | 22-03-2021 | MCF FUR. NO. | DDG - 669 |
| Sr. 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





Modern Coach Factory Raebareli
आधुनिकरेलडिब्बाकारखाना, रायबरेली

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) Make/Sr.no.: SSK On Board: 20/06/039 HT Panel: 20/06/041 | EDTS 333, Rev'01'.Am-1 | 01 SET |
| 02. | Provision of 9 KVA 750/415/190V, 03Ø AC. Make : VIMAL Sr no.: VTC 3089 LHB 4577 | RDSO/PE/SPEC/TL 0158, 2010, Rev'0', Ty I. | 01 |
| 03. | Mounting of 09KVA TFR. | As per drg no 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 Make: SIGNOTRON Sr. no.: 08201771 | As per spec no. RDSO/PE/SPEC/AC/0183-2015(REV.-1) | 01 |
| 06. | Provision of Feeder Junction Box Make : MV | EDTS-328 REV-C,AM-4,Type-II,COR-2 | 01 SET |
| 07. | Provision of IVC dummy Socket assembly. | As per Drg. No. LW71302,Alt-nil | 01 SET |
| 08. | Battery fuse box +ve Make : INDORAIL | As per LW 71001,Alt- H | 01 |
| 09. | Battery fuse box -ve Make : AECO | As per LW 71002,Alt-I | 01 |
| 10. | Provision of Battery boxes/ Cradles. Make: HITECH | As per Drg. No. 110113.0.76.700.005 W/O item 5,22,23,26 & 27,Alt-C or Latest. | 01 |
| 11. | Provision of batteries Type:110 V, 120 AH VRLA SMF Battery Set. Make: AMARA RAJA Lug Date: 06/20 | As per RDSO/PE/SPEC/AC/0009-2014 (Rev-2) with inner cell connectors or Latest. | 01 |

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



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

PAGE 3 OF 4

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. Make: SARIA | 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. | 30 |
| 13. | Fitment of LED Light fittings for Cabin, Doorway and Gangway area. 9 watt. Make: DR AUTO | As per RDSO/PE/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1 .Type-B1. Drg. No. CC76453. | 28 |
| 14. | Fitment of LED Light fittings for Lavatory Lights. 9 Watt. Make: RT VISION | As per RDSO/PE/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1Type-D. Drg. No. LW76092. | 04 |
| 15. | Fitment of LED Light fittings for PACIL. Make: AGASTYA | As per RDSO/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1Type-I. Drg. No. LW76098. | 02 |
| 16. | Fitment of Accidental Emergency Light (AEL) Make: INTEG | As per RDSO/SPEC/AC/0180-2016,Rev-0 ,Type-II. | 04 |
| 17. | Provision of Cable binder | Drg. No. CC76120,Item - 1,2,3.100mm,200mm,300mm respectively. | OK |
| 18. | Provision of Cable Jacket System. | EDTS-138,Cor-2,Item-5,7,8,9,11. | OK |
| 19. | Provision of Switch plate assembly along with mobile charging sockets. Make: SSK | EDML-086, Rev-6, Am-1, Table-1, Item-1. | 10 |

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



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आधुनिकरेलडिब्बाकारखाना,रायबरेली

DOC NO.: MCF/RBL/QEF/8001



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. Make: SSK | EDML-086, Rev-6, Am-1, Table-1, Item-2. | 10 |
| 21. | Provision of High Capacity Inter – Vehicular Coupler Unit (ZS Coupling) (500 A, 750 V, 3ph, 50 Hz). Make: 1.(NPP): PRIME ELECT. 2.(PP): PRIME ELECT. | As per Spec. no. RDSO/PE/SPEC/AC/0177(Rev.-0)-2013 with annexure-A, B. | 1 SET |
| 22. | Mounting of Inter Vehicle coupler | As per drg no.1.10113.0.74.000.001,Alt-B | OK |
| 23. | Provision of Wheel Set Earthing equipment. Make:- NPP: DARSHAN PP: DARSHAN | EDTS101,REV-C,AM-1 | 1 SET |
| 24. | Provision of Anti Skid Disk Brake System.(WSP) Make : FAIVELEY Sr no : 13167 | As per MDTs 077,Rev.-2 M/s"FAIVELEY" or "Knorr Bremse", or "ESCORTS" or" JWl-DAKO-CZ" | 01 SET |

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|  <p>वरिष्ठ अनुभाग अभियन्ता</p> |  |
| <p>गुण/SEE/EL/QC आपरेटिंग/लालगंज/रायबरेली S.S.E./Elect-QC/M.C.F./L/RBL</p> | <p>AWM(ELECT.)/MCF/RBL SEE(P)/MCF/RBL</p> |

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A.W.M./Electrical/MCF/RBL