



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

Rolling Stock Certificate No.: MCF/RBL/QC/RSC/2020-21/1294

| | | | | | |
|------|--------|-----------|----------|------------------|-----------------|
| RLY | WR | COACH NO | 215666/C | DATE OF DISPATCH | 19-Mar-21 |
| Type | LWSCN1 | Shell No. | 20G398 | DISPATCH TO | Sr.DME/C&W/MMCT |
| | | | | FUR.NO. | LSCNG-517 |

1. Railway Board's Order No. : 2020/M(C)/142/2, DATED-27.01.2021
2. Tare Weight of Coach : 41.24 Tonnes
3. Carrying Capacity : (a) Seating: 80 (b) Sleeping: 80 (c) Luggage: NIL

4. Special feature:

| | | |
|---|---|---------------------|
| A | Epoxy flooring in lavatory | M/s-ACME INDIA NDLS |
| B | Anti slip friendly Grab Bar | M/s-ACME INDIA NDLS |
| C | Provision of Health Faucet in lavatories | M/s-ACME INDIA NDLS |
| D | Washbasin counter Top (Corian of Duport or Montelli) | M/s-ACME INDIA NDLS |
| E | GFRE ceiling instead of NPTC | M/s-ACME INDIA NDLS |
| F | DGFRP panels instead of LP panels | M/s-ACME INDIA NDLS |
| G | Honey Comb partition frame with DGFRP sheet instead of FRP sheet | M/s-ACME INDIA NDLS |
| H | Venturi arrangement in lavatory | M/s-ACME INDIA NDLS |
| I | 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 1102/1098 |

6. TRACEABILITY OF SHELL ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|-----------------------|-----------------|----------------------------|
| 1 | Under frame | Front Part | PP END M/S-SFPL |
| | | NPP END | M/S-SFPL |
| | Complete | MCF/RBL-AIRCON | 20G398 |
| 2 | Lav. side wall | M/S-ATHANCY ALD | LAV.1 |
| | | M/S-ATHANCY ALD | LAV.2 |
| | | | LAV.3 |
| | | | LAV.4 |
| 3 | Side wall | LH SIDE | MCF/RBL-CONT-V4U |
| | | RH SIDE | MCF/RBL-CONT-V4U |
| 4 | End wall | PP END | M/S-SIPL PALWAL |
| | | NPP END | M/S-SIPL PALWAL |
| 5 | Roof | M/S-TI | 114 |
| 6 | Centre Buffer Coupler | M/s-SANROCK | PP END 17371 NPP END 16774 |

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. | 07 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 | GSI | M/S-GSI (S&A) | 90/88 | 4-Feb-21 |
| 2 | Insulation | | | Satisfactory | | |

वसिष्ठ अश्विनी
गुणवत्ता विभाग
रेडिओ, 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/2020-21/1294

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

| | | | | | | | | | | | | | | | | | |
|----------|-----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|--------|------------|
| DISPATCH | Sr.DME/C&W/MMCT | Type | L | W | S | C | N | 1 | Shell No. | 2 | 0 | G | 3 | 9 | 8 | FUR.NO | LSCN-G-517 |
|----------|-----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|--------|------------|

8. DETAIL OF BOGIES:

| ITEMS | NPP Side | | | | PP Side | | | |
|---------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Bogie No | 202713 | | | | 202714 | | | |
| Bogie Type | FIAT | | | | FIAT | | | |
| Frame no. | WIL- 196 | | | | WIL- 148 | | | |
| Bolster no. | MCF/RBL-2003 | | | | MCF/RBL-2159 | | | |
| Axle No | 21B - 8749 RWF | | 21 C - 3495 RWF | | 20 B - 8790 RWF | | 21 C - 3425 RWF | |
| Wheel Dia | 917.47 | 917.521 | 917.39 | 917.44 | 917.47 | 917.498 | 917.447 | 917.477 |
| Wheel Disc No | TZ 09-20 31273-0SF2 | TZ 09-20 31272-0SF2 | TZ 09-20 31224-0SF2 | TZ 09-20 31292-0TE4 | TZ 09-20 29639-0SF0 | TZ 09-20 29640-0SF0 | TZ 09-20 30904-0TD6 | TZ 09-20 32718-0SF7 |
| R.B. Nos. | 03-20 3000151 | 06-20 413890 | 03-20 300109 | 06-20 412797 | 06-20 412465 | 06-20 413829 | 06-20 412593 | 06-20 412597 |
| CT R B Make | TIMKEN | | TIMKEN | | TIMKEN | | TIMKEN | |

9. SECONDARY SUSPENSION LOAD DEFLECTION VALUES :-

| DESCRIPTION | Bogie NPP side | | | | Bogie PP side | | | |
|----------------------------------|------------------------|----------------------------|-------------------------|--------------------------|-----------------------|---------------------------|-------------------------|----------------------------|
| | Secondary 1 | | Secondary 2 | | Secondary 1 | | Secondary 2 | |
| | Outer | Inner | Outer | Inner | Outer | Inner | Outer | Inner |
| Make & Nos. | CMAFJ08-20 5101-175 | CMGBD02-20 108- 837-41- | CMAFJ08-20 5101-154- | CMGBD02-20 108-837-36 | CMAFJ08-20 5101-84 | CMGBD02-20 F08-837-203 | CMAFJ08-20 5101- 150 | CMGBD02-20 108- 837-184 |
| Compressed Ht. at Tested Load | 515 | 472 | 516 | 472 | 516 | 471 | 515 | 472 |
| Alignment deviation (mm) | 6 | 20 | 6 | 20 | 9 | 19 | 7 | 19 |

10. TRACEABILITY 90F BOGIE ITEMS :-

| S. NO | ITEM | MAKE/ SUPPLIER | SERIAL NO. | |
|----------|----------------------------|-------------------|--|--|
| | | | NPP SIDE | PP SIDE |
| 1. | Yaw Damper | IAI | 294608,294243 | 294989,294231 |
| 2. | Primary outer Spring | CMFSK | 12-19 F07-154 (1166,1192,1160,1155) | 12-19 F07-154 (1154,1138,1157,1170) |
| 3. | Primary Inner Spring | CMFSK | 03-20 F06-180--(62,168,78,70) | 03-20 F06-180--(187,413,349,402) |
| 4. | Primary Damper | IAI | 01-20-(298649,299677,298412,298590) | 01-20-(299890,300301,298605,298368) |
| 5. | Secondary Damper | IAI | 06-20-(326443,326504) | 06-20-(308771,308512) |
| 6. | Lateral Damper | KONI | 03-19 01916 | 03-19 01941 |
| 7. | Brake Cylinder | KBI | D(1375,0706,0265,2241)K29 | D(2269,0637,0638,2275)K29 |
| 8. | Brake Caliper | KBI | C(6742,7062,6859,6890)-29 | C(6893,6983,6982,6892)-29 |
| 9. | Brake Disc | AVADH | 09-18(48200998,48201000,40200772,48200990) | 09-18(40200773,41200800,40200762,47200872) |
| 10. | Ball Joint Control Arm | BONY | | |
| 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 | GMT | | |
| 16. | Secondary Rubber Pad | TECSPAK | | |
| 17. | Rubber Spring | BONY | | |
| 18. | Anti roll bar Make | SF | | |
| 19. | Roll Link make | RF/BONY | | |
| 20. | Fork make | RNG | | |
| 21. | Control Arm Upper | CC | 19L375,19L509,19M59,19M97 | 19L127,19L308,19L484,19L290 |
| 22. | Control Arm Lower | CC | 19L205,20G170,19L278,20A195 | 20G265,19M170,20G268,19L166 |
| 23. | Phonic Wheel | KBI | K 01-21 | K 01-21 |

Signature of SSE/Bogie/QC



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| RLY | WR | COACH NO | 215666/C | | | DATE OF DISPATCH | | 19-Mar-21 |
| Type | LWSCN1 | Shell No. | 20G398 | DISPATCH TO | Sr.DME/C&W/MMCT | FUR.NO. | LSCNG-517 | |

12. TRACEABILITY OF FURNISHING ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO(NPP/PP) |
|------|--------------------------------------|---------------------------|-------------------|
| 1 | Air Brake Module | M/S -KBI | 6190 05/21 |
| 2 | Distribution valve | M/S -KBI | 2021B12924 |
| 3 | Pull box | M/S -KBI | |
| 4 | FIBA | NIL | |
| 5 | Foot Step | M/S- FABRICON KOLKATA | |
| 6 | Decoupling arrangement | M/S-PULSER KOLKATA | |
| 7 | Floor board | M/S-TWPL MUMBAI | |
| 8 | PVC | M/s-ACME INDIA NDLS | |
| 9 | Lavatory inlay | M/s-ACME INDIA NDLS | |
| 10 | UIC Vestibule (PPE) | M/S-SUNCREST KOLKATA | |
| 11 | UIC Vestibule (NPPE) | M/S-SUNCREST KOLKATA | |
| 12 | Gangway bridge mounting (PPE) | M/S-HARE KRISHNA KXH | |
| 13 | Gangway bridge mounting (NPPE) | M/S-HARE KRISHNA KXH | |
| 14 | Body Side Window(WIDDER) | M/s-ACME INDIA NDLS | |
| 15 | Emergency Window (WIDDER) | M/s-ACME INDIA NDLS | |
| 16 | Lavatory/hopper Window | M/s-ACME INDIA NDLS | |
| 17 | Side panel (DGFRP) | M/s-ACME INDIA NDLS | |
| 18 | Roof Ceiling (DGFRE) | M/s-ACME INDIA NDLS | |
| 19 | Door way/Gangway Ceiling | M/s-ACME INDIA NDLS | |
| 20 | Partition panel Honeycomb | M/s-ACME INDIA NDLS | |
| 21 | Partition pillar | M/s-ACME INDIA NDLS | |
| 22 | Body Side Doors | M/s-ACME INDIA NDLS | |
| 23 | Vestibule Door(PPE) | M/S-JBM FARIDABAD | |
| 24 | Vestibule Door(NPPE) | M/S-JBM FARIDABAD | |
| 25 | Bio Tank | M/S-FLASH FORGE LTD- | |
| 26 | Pressurised Flushing (electro.pneu.) | M/S-AIR FLOW | |
| 27 | Auxiliary Water Tank | M/S-SHIVALIK FAST MOHALI | |
| 28 | Under Slung Water Tank (2X685L) | M/S-OASIS | |
| 29 | Under Slung Water Tank (1x685 L) | M/S-OASIS | |
| 30 | Health Faucet | M/s-KAPCO VALES JALANDHAR | |
| 31 | Lotah Filler Tap | M/s-KAPCO VALES JALANDHAR | |
| 32 | Controlled discharge tap | M/s-AGMECO PVT. | |
| 33 | Lavatory Doors | M/s-ACME INDIA NDLS | |
| 34 | Fire Extinguisher | M/s-ACME INDIA NDLS | |
| 35 | Seat & Berth | M/s-ACME INDIA NDLS | |
| 36 | Ventury grill | M/s-ACME INDIA NDLS | |
| 37 | Water purifier(02 NOS) | M/s-ACME INDIA NDLS | |
| 38 | RFID | NIL | |

SSE/QC/MCF/RBL

गणयत्ता विभाग

रेडिओका, रायबरेली (लालगंज)



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| RLY | WR | COACH NO | 215666/C | DATE OF DISPATCH | 19-Mar-21 |
| Type | LWSCN1 | Shell No. | 20G398 | DISPATCH TO | Sr.DME/C&W/MMCT |
| | | | | FUR.NO. | LSCNG-517 |

13. MODIFICATION (IF ANY) : Partition frame & Partition pillar

14. DEVIATION (IF ANY) : NIL

15. ITEM FITTED ON THE COACH ON TRIAL : NIL

| S NO | ITEM PARTICULARS | PURPOSE | REPORT | REFERENCE & |
|-------|------------------|---------|-----------|-----------------|
| | | | Frequency | PERIOD OF TRIAL |
| ----- | ----- | ----- | ----- | ----- |

16. WARRANTY:


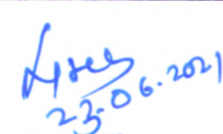
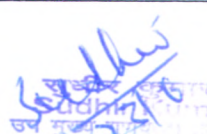
| S NO | COMPONENTS | WARRANTY |
|------|---|--|
| 1 | Brake Pad, wheels, flushing valves, push gravity cocks, moldings, window glasses, mirrors, curtain clutch wire etc. (items which are consumable in nature) | NIL |
| 2 | Other coach furnishing sub assemblies(bought out items) | 24 months from the 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 qualityrcrbl@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. Chief |
| वरिष्ठ प्रमुख अभियंता | आस. मेकानिकल डिप्टी | आधुनिक रेल डिब्बा कारखाना |
| गुणवत्ता विभाग | आ. र. डि. का. रायबरेली | Mod |
| रेडिओ, रायबरेली (लालगंज) | MCF, RBL | |



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 10/2/21

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 |
|-----|-----------------|----------------|-----------|-------------|--------------------|
| 243 | 2W5CN 20G398 | 2SCN(2)-517 | 215666 | WR | 04.02.21 |

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
आधुनिक रेल डिब्बा कारखाना,
रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 01

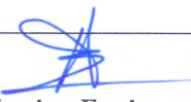
DATE: 29.06.2020

PAGE 1 OF 4

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB EOG NON AC SCN COACH.

| ELECTRICAL TEST CERTIFICATE FOR LHB EOG NON AC SCN COACH. | | | | | | |
|---|--|--------------------|------------|-----------------|-----------|----------|
| TYPE COACH | | LWSCN | | SHELL/COACH NO | | 215666/C |
| RAILWAY | WR | ELECT. FIT DATE | 18-03-2021 | MCF FUR. NO. | SCN-G-517 | |
| Sr. no. | Description of tests | | | | | Remarks |
| 1. | PUMP EQUIPMENTS | | | | | OK |
| 2. | LIGHTS, NL,LAP CHARGING SOCKETS | | | | | OK |
| 3. | WORKING OF ACCIDENTAL, EMERGENCY LIGHTS. | | | | | 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





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आधुनिक रेल डिब्बा कारखाना,
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PAGE 2 OF 4


ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC SCN COACHES

| Sr. no. | Description | Drg./Spec no. | Quantity per Coach |
|---------|--|--|--------------------|
| 01. | Fitment of Switch board cabinet.(set of panel) Make/Sr.no.: HIND On Board: H355.20E.0781 HT Panel: H355.20E.0757 | EDTS 355, Rev`01'.Am-3 | 01 SET |
| 02. | Provision of 9 KVA 750/415/190V, 03Ø AC. Make: VIMAL Sr no.: VTC 3089 LHB 4408 | 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 Pump equipment with pump box. Make: HIND Sr no : 20/10/378 Pump 1: 20/10/195 Pump 2: 20/10/196 | As per spec no. EDTS186,REV-A,AM-2 | 01 SET |
| 05. | Provision & Mounting of Pump controller. Make: HIND SL.no.: 20/3/057 | As per Spec. EDTS186 Rev-a Am-2, & drg no. CC71328 & LW70020 | 01 |
| 06. | 4.5 Kw Under slung type Constant Voltage Regulated Battery charger cum Emergency battery charger Make: SIGNOTRON Sr. no.: 08201768 | As per spec no. RDSO/PE/SPEC/AC/0183-2015(REV.- 1) | 01 |
| 07. | Provision of Feeder Junction Box Make : LIGHT ENGG. | EDTS-328 REV-C,AM-4,Type- II,COR-2 | 01 SET |
| 08. | Provision of IVC dummy Socket assembly. | As per Drg. No. LW71302,Alt-nil | 01 SET |
| 09. | Battery fuse box +ve Make : INDORAIL | As per LW 71001,Alt- H | 01 |
| 10. | Battery fuse box -ve Make : AECO | As per LW 71002,Alt-I | 01 |
| 11. | 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 |
| 12. | 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 SET |

Senior Section Engineer
Quality control / Electrical
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


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|---|---|---------------------------|
|  | Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली | DOC NO.: MCF/RBL/QEF/8001 |
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| | | DATE: 29.06.2020 |


PAGE 3 OF 4

ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC SCN COACHES

| Sr. no. | Description | Drg./Spec no. | Quantity per Coach |
|---------|--|--|--------------------|
| 13. | 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 |
| 14. | Fitment of LED Light fittings for Cabin, Doorway and Gangway area. 9 watt. Make: RT VISION | As per RDSO/PE/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1 .Type-B1. Drg. No. CC76453. | 26 |
| 15. | Fitment of LED Light fittings for Night Light with berth indication Type-E (1 watt). Make: AGASTYA | As per RDSO/PE/SPEC/TL/0091-2016,Rev-1 with RCF Annex-1, ICF/STB-7-6-053.Type- E. Drg. No. CC76461 | 10 |
| 16. | 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 |
| 17. | 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 |
| 18. | Fitment of Accidental Emergency Light (AEL) Make: INTEG | As per RDSO/SPEC/AC/0180-2016,Rev-0 ,Type-II. | 04 |
| 19. | Provision of Cable binder | Drg. No. CC76120,Item - 1,2,3.100mm,200mm,300mm respectively. | OK |
| 20. | Provision of Cable Jacket System. | EDTS-138,Cor-2,Item-5,7,8,9,11. | OK |


Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli





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|  | Modern Coach Factory Raebareli आधुनिक रेल डिब्बा कारखाना, रायबरेली | DOC NO.: MCF/RBL/QEF/8001 |
| | | REV NO: 01 |
| | | DATE: 29.06.2020 |

PAGE 4 OF 4

ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC SCN COACHES

| Sr. no. | Description | Drg./Spec no. | Quantity per Coach |
|---------|--|--|--------------------|
| 21. | Provision of Switch plate assembly along with mobile charging sockets. Make: SALZER | EDML-086, Rev-6, Am-1, Table-1, Item-1. | 10 |
| 22. | Provision of Switch plate assembly along with mobile charging sockets. Make: SALZER | EDML-086, Rev-6, Am-1, Table-1, Item-2. | 10 |
| 23. | Provision of Switch plate assembly along with mobile charging sockets. Make: SALZER | EDML-086, Rev-5, Am-1, Table-1, Item-3. | 20 |
| 24. | Provision of High Capacity Inter – Vehicular Coupler Unit (ZS Coupling) (500 A, 750 V, 3 ph, 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. | 01 SET |
| 25. | Mounting of Inter Vehicle coupler | As per drg no.1.10113.0.74.000.001,Alt-B | OK |
| 26. | Provision of Wheel Set Earthing equipment. Make:- NPP: PRIME ELECT. PP: PRIME ELECT. | EDTS101,REV-C,AM-1 | 01 SET |
| 27. | Provision of Anti Skid Disk Brake System.(WSP) Make : KNORR Sr no : 0120295536 | As per MDTs 077,Rev.-2 M/s"FAIVELEY" or "Knorr Bremse", or "ESCORTS" | 01 SET |

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| SSE/EL/QC वरिष्ठ अनुभाग अभियन्ता गुणवत्ता नियंत्रण आ०रे०डि०का० / लालगंज / रायबरेली S.S.E./Elect-QC/M.C.F./LLJ/RBL | AWM(ELECT.)/MCF/RBL SEE(P)/MCF/RBL स० कार्य प्रबन्धक / विद्युत आ०रे०डि०का० / रायबरेली A.W.M./Electrical/MCF/RBL |