

L5CN-846



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/2018-19/1007

| | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | E | R | - | Coach No. | 1 | 9 | 1 | 0 | 0 | 7 | / | C | DATE OF DISPATCH | 0 | 8 | - | 0 | 1 | - | 1 | 9 |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISPATCH TO | CWM/LILUAH | Type | L | W | S | C | N | 1 | Shell No. | 8 | 7 | 2 | 3 | 6 | - | 2 | 0 | 1 | 8 | - | 1 | 9 |
|-------------|------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|

- Railway Board's Order No. : 2018/M(C)/142/2, Dated-17-09-2018
- Tare Weight of Coach : 41.24 Tones
- Carrying Capacity : (a) Seating: 80 (b) Sleeping: 80 (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 | 4039 |
| 4. | CBC height/Buffer height from Rail level 1105 +0/-10 | 1) 1099 (NPPE) 2) 1105 (PPE) |

5. TRACEABILITY OF SHELL ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|-----------------------|----------------------------------|--------------------------|
| 1. | Under frame | PP END M/S- SANTECH INDUSTRIES | 853 |
| | | NPP END M/S- SANTECH INDUSTRIES | 835 |
| | Complete | MCF/RBL | 87236 |
| 2. | Lav. side wall | M/S- RAIL TECH. KXH | LAV.1 - LAV.2 - |
| | | M/S- RAIL TECH. KXH | LAV.3 - LAV.4 - |
| 3. | Side wall | LH SIDE MCF/RBL(CONTRACTOR V4U) | 231 |
| | | RH SIDE MCF/RBL(CONTRACTOR V4U) | 231 |
| 4. | End wall | PP END M/s- SFPL, MOHALI | --- |
| | | NPP END M/s- SFPL, MOHALI | --- |
| 5. | Roof | M/s- PENNAR | 197 |
| 6. | Centre Buffer Coupler | M/S- SANROK, FARIDABAD | PP END 9910 NPP END 9968 |

6. AIRBRAKE TEST REPORT:

| S NO | ITEM | DESCRIPTION | SPEC. VALUE | OBSERVED |
|------|------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------|
| 1. | Full application brake | ➤ Reduce pressure of BP from 5.0 to 3.4 kg/cm ² . ➤ Max. pressure in BC ➤ All Brake are applied | 6 - 10 sec. 3.0 ± 0.15 kg/cm ² . OK | 07 Sec. 3.0 kg/cm ² 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 |

7. PAINTING DETAILS:

| S NO | DESCRIPTION | TYPE OF PAINT | MAKE | APPLICATION BY MCF/ CONTRACTOR(SUPPLY & APPLY) | AVERAGE GLOSS VALUE |
|------|-------------|---------------|---------|------------------------------------------------|---------------------|
| 1. | Paint | P.U | M/s -GS | Supply & apply | 88/87 |
| 2. | Insulation | | | Satisfactory | |

SSE/QC/MCF/RBL

वार 00अनु 0 अभियंता

गुणवत्ता विभाग

रेडिंक 0, 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/1007

| | | | | | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| Coach No. | 1 | 9 | 1 | 0 | 0 | 7 | / | C | - | DATE OF DISPATCH | 0 | 8 | . | 0 | 1 | . | 1 | 9 |
|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RLY | E | R | - | Type | L | W | S | C | N | 1 | Shell No. | 8 | 7 | 2 | 3 | 6 | - | - | - | - | - | - | - | - |
|-----|---|---|---|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|

8. DETAIL OF BOGIES:

| ITEMS | NPP Side | | | | PP Side | | | |
|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Bogie No | 182401 | | | | 182402 | | | |
| Bogie Type | FIAT | | | | FIAT | | | |
| Frame no. | ECBT-1298 | | | | ECBT-1297 | | | |
| Bolster no. | AMIT-326 | | | | AMIT-33 | | | |
| Axle No | 18 G-3946 RWF | | 18 G-0966 RWF | | 18 G-2932 RWF | | 18G- 1329 RWF | |
| Wheel Dia | 917.545 | 917.605 | 917.54 | 917.571 | 917.481 | 917.465 | 917.398 | 917.477 |
| Wheel Disc No | TZ06-18 29745-8QP1 | TZ07-18 33654-8QM2 | TZ07-18 41936-8RL6 | TZ07-18 38012-8RS3 | TZ06-18 27101-8PP7 | TZ06-18 27099-8PP7 | TZ03-18 09604-8MR5 | TZ07-18 34685-8RG2 |
| R.B. Nos. | 05-18 40745 | 05-18 11452 | 05-18 40619 | 05-18 11461 | 04-18 26411 | 05-18 40114 | 04-18 26288 | 05-18 12099 |
| CT R B Make | SKF | | SKF | | SKF | | SKF | |

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. | CMRSK12-18-5101-512-34 | CMRSK05-18-F08-N13-08Y-1916 | CMRSK12-18-5101-512-9 | CMRSK05-18-F08-N13-08Y-1286 | CMFSK12-18-5101-512-11 | CMRSK12-16-F08-N13-08-08Y-1766 | CMFSK12-18-5101-512-33 | CMRSK12-16-F08-N13-08-08Y-1766 |
| Compressed Ht. at Tested Load | 514.5 | 471 | 516 | 472 | 511.5 | 470 | 511.5 | 468 |
| Alignment deviation (mm) | 8 | 7 | 7 | 6 | 7 | 3 | 11 | 5 |

10. TRACEABILITY 9OF BOGIE ITEMS :-

| S. NO | ITEM | MAKE/ SUPPLIER | SERIAL NO. | |
|-------|----------------------------|----------------------|----------------------------------------------|----------------------------------------------|
| | | | NPP SIDE | PP SIDE |
| 1. | Yaw Damper | GEREP | 889,880 | 879,888 |
| 2. | Primary outer Spring | CMGBD | 10-18 1100 (119-290,121-227,121-624,121-645) | 10-18 1100 (122-667,119-584,119-180,-122-39) |
| 3. | Primary Inner Spring | CMRSK | 02-18 06Y(521,352,549,108) | 02-18 06Y(145,149,209,592) |
| 4. | Primary Damper | KNORR | 05-18(21430,21438,21410,21412) | 05-18(21422,21426,21398,21436) |
| 5. | Secondary Damper | GEREP | 16-2018 301550739 | 16-2018 301550739 |
| 6. | Lateral Damper | KNORR | 03-18 2028 | 03-18 1973 |
| 7. | Brake Cylinder | FAV | L18-(602,570,569,603,) | L18- (163,522,441,167) |
| 8. | Brake Caliper | FAV | M18(548,546,545,547)B | M18(468,466,465,467)B |
| 9. | Brake Disc | FAV | 12-18(6622,6623,6625,6626)D133561-300 | 10-18(4607,4606,6325,6326)D133561-300 |
| 10. | Ball Joint Control Arm | BONY | | |
| 11. | Lateral Bump Stop | BONY | | |
| 12. | Traction Centre make | SF/SARITA | | |
| 13. | Traction lever make | SF/JI | | |
| 14. | Ball joint traction lever | SGA | | |
| 15. | Ball joint traction centre | AR | | |
| 16. | Secondary Rubber Pad | DUREL | | |
| 17. | Rubber Spring | AR | | |
| 18. | Anti roll bar Make | EMSON | | |
| 19. | Roll Link make | SF/PPI/UK ,SARITA/AR | | |
| 20. | Fork make | EMSON | | |
| 21. | Control Arm Upper | RVE | 211118-2, 211118-2, 211118-2,231118-3 | 211118-1,211118-5,211118-2,231118-1 |
| 22. | Control Arm Lower | RVE | 211118-2, 221118-1,191118-3,191118-3 | 271118-2,271118-2, 271118-2, 271118-2, |

Signature of SSE/Bogie/QC



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/2018-19/1007

| | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | E | R | - | Coach No. | 1 | 9 | 1 | 0 | 0 | 7 | / | C | DATE OF DISPATCH | 0 | 8 | - | 0 | 1 | - | 1 | 9 |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DISPATCH TO | CWM/LILUAH | Type | L | W | S | C | N | 1 | Shell No. | 8 | 7 | 2 | 3 | 6 | - | 2 | 0 | 1 | 8 | - | 1 | 9 |
|-------------|------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|

11. TRACEABILITY OF FURNISHING ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|---------------------------------|-------------------------------------------------|------------|
| 1. | Air Brake Module | M/s- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP) | L 18059 B |
| 2. | Pull box | M/S- KBI FARIDABAD. NEW DELHI | |
| 3. | Distribution valve | M/s- FAIVELY TRANSPORT TECH.INDIA LTD BADDI(HP) | 18105586 B |
| 4. | Foot Step | M/s- SUPER SPARK PVT. LTD. FARIDABAD | |
| 5. | Decoupling arrangement | M/S-ELASTOMER LINING WORKS, MUMBAI | |
| 6. | Floor board | M/s- EG WOOD BOARD, HYDRABAD | |
| 7. | PVC | M/S- RESPONSIVE IND.DELHI | |
| 8. | Lavatory Inlay | M/s- SEEMA IND. BHOPAL | |
| 9. | UIC Vestibule (PPE) | M/S-SUNCREST IND.KOLKATA | |
| 10. | UIC Vestibule (NPPE) | M/S-SUNCREST IND.KOLKATA | |
| 11. | Gangway bridge mounting (PPE) | M/S- HAREKRISHNA INDS. KXH | |
| 12. | Gangway bridge mounting (NPPE) | M/S- HAREKRISHNA INDS. KXH | |
| 13. | Body Side Window | M/S- AJC, KOLKATA | |
| 14. | Emergency Window | M/S- AGF INDS, KOLKATA | |
| 15. | Hopper Window | M/S- RAIL TECH. KXH | |
| 16. | Side panel | M/S-SUNGLOW PUNJAB LAMINATE | |
| 17. | Roof ceiling | M/S- AB COMPOSIT ,KOLKATA | |
| 18. | Door way ceiling | M/s- RAJA IND. KHANNA | |
| 19. | Body Side Door 1,2 | M/S- SUKATA INDS, CDG | |
| 20. | Body Side Door 3,4 | M/S- JBM INDUSTRIES, FARIDABAD | |
| 21. | Vestibule Door(PPE) | M/S- KALSI, LUDHIANA | |
| 22. | Vestibule Door(NPPE) | M/S- KALSI, LUDHIANA | |
| 23. | Bio Tank | M/s- FLASH FORGE (P)LTD. VIZAG | |
| 24. | Auxiliary Water Tank | M/s- AMIT ENG. MOHALI | |
| 25. | Under Slung Water Tank(2X685L) | M/s- AMIT ENG. BADDI | |
| 26. | Under Slung Water Tank (1X685L) | M/s- AMIT ENG. MOHALI | |
| 27. | Controlled Discharge Tap | M/s- AGMECO PVT. LTD. UK | |
| 28. | Lavatory Doors | M/s- KALSI, LDH | |
| 29. | Flexible Faucet | M/s- KAPCO VALVES, JALANDHAR | |
| 30. | Lotah Filler Tap | M/s- KAPCO VALVES, JALANDHAR | |
| 31. | Seat & Berth | M/S- HINDUSTAN FIBRE GLASS WORKS,VADODARA | |
| 32. | Snack Table | N/A | |

SSE/QC/MCF/RBL

वरिष्ठ अनुसंधान अभियंता

गुणवत्ता विभाग

रेडिओ, रायबरेली (लालगंज)



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/2018-19/1007

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------|------|-----------|---|---|---|---|---|-----------|---|---|------------------|---|---|---|---|---|---|---|---|---|---|
| RLY | E | R | - | Coach No. | 1 | 9 | 1 | 0 | 0 | 7 | / | C | DATE OF DISPATCH | 0 | 8 | - | 0 | 1 | - | 1 | 9 | | |
| DISPATCH TO | | CWM/LILUAH | Type | L | W | S | C | N | 1 | Shell No. | 8 | 7 | 2 | 3 | 6 | - | 2 | 0 | 1 | 8 | - | 1 | 9 |

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 Pad, wheels, flushing valves, push gravity cocks, moldings, window glasses, mirrors, 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 30 months from the date of supply of material whichever is earlier. |

NOTE:

- This warranty covers free supply of parts which wear out and fails within warranty period of normal service.
- This doesn't covers faults arising out of accident, non standard maintenance practices, abnormal use or mishandling, vandal activity, arson & deficient/pilferage etc.
- This doesn't cover any consequential liabilities or damages/loss incurred by anybody; furthermore, it shall in no case extend to repayment, return of the coach or replacement of complete coach.
- Whether a defective part is to be replaced or repaired shall be at the discretion of MCF/RBL.
- For any complain/ suggestion please Mail at qualityrcfbl@gmail.com
- Painting on supply & apply contract :- supply of material and application shall be warranted for a period of three years from date of 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/OC/MCF/RBL वरिष्ठ अनुष्ठानिक अभियंता गुणवत्ता विभाग रेडिंक 0, रायबरेली (लालगंज) | AME/OC/MCF/RBL सहायक मुख्य अभियंता/गुणवत्ता Assistant Mechanical Engineer / Quality आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory, Raebareli | Dy. Chief Quality Engineer ज्येष्ठ मुख्य गुणवत्ता अभियंता आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory, Raebareli |



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

DATE:18.01.2017

PAGE 1 OF 3

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG NON AC SCN COACHES
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG NON AC COACHES

| TYPE COACH | LWSCN | SHELL/COACH NO | 191007/C |
|------------|---------------------------------------|------------------|----------|
| RAILWAY | ER | DATE OF DESPATCH | |
| Sr no | Description of test | Remarks | |
| 1. | PUMP EQUIPMENTS | OK | |
| 2. | LIGHTS, NL,LAP CHARGING SOCKETS | OK | |
| 3. | RAILWAY CARRIAGE FAN | OK | |
| 4. | WHEEL SLIDE PROTECTION SYSTEM (WSP) | OK | |
| 5. | WORKING OF 9 KVA TRANSFORMER | OK | |
| 6. | WORKING OF REGULATED BATTERY CHARGER | OK | |
| 7. | SAFETIES : | | |
| 7.1. | FUSES AND THEIR RATING | OK | |
| 7.2. | CONTROL CIRCUIT | OK | |
| 7.3. | POWER CIRCUIT | OK | |

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

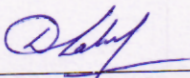
DATE:18.01.2017

PAGE 2 OF 3

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC SCN COACHES

| | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------|
| 01. | Switch board cabinet Make : AMIT ENGG. On Board Sr no : AE/USBC-834 HT Panel Sr no : AE/USBC-836 | EDTS 333, Rev`01'Am-1 | 01 |
| 02. | Pump equipment with PLC controller & pump box Make : DR AUTO Sr no PA: 2018/12/170 Sr no.1 : 18110454 Sr no.2 : 18110177 Sr no.CPA: 2017/05/017-DR AUTO | As per spec EDTS 186,Rev-a, Am- 2 | 01 |
| 03. | Emergency light system for EOG type coaches (AEL), Make : VGS | EDTS 151,Rev -c Am-1 & 2 | 04 |
| 04. | Passenger Alarm Cum Indication Light (PACIL) Make: DR AUTO | As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-I | 02 |
| 05. | Fitment of Switch Plate Assly(Cabin Side) Make : SSK/SALZER | EDML 086,Rev-03, ITEM-01 | 10 |
| 06. | Fitment of Switch Plate Assly Corridor Side),Make : SSK/SALZER | EDML 086, Rev 03, ITEM-02 | 10 |
| 07. | Railway carriage Fan 400mm Sweep, 110V DC with crash worthy features. Make : IMT CABLES | IS 6680/92,First Rev, RCF Amdt 4, Col I, Ty XI, RCF Cor I. | 30 |
| 08. | Cabin, Corridor, doorway and Gangway Lights. Make: RT VISION | As per RDSO/PE/SPEC/TL-0091(REV-1) TYPE B-1 | 26 |
| 09. | Lavatory Light Make: DR AUTO | As per RDSO/PE/SPEC/TL/0091-2016,REV-01, TYPE-D & | 04 |
| 10. | Night Light Fitting (LED BASED) Sticker For Berth Number On Night light Fitting For LHBSCN(80-BERTHER)Coaches Make : AGASTYA | CC76289 & CC76443 | 10 |


Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



Modern Coach Factory Raebareli
आधुनिक रेल डिब्बा कारखाना, रायबरेली

DOC NO.: MCF/RBL/QEF/8001

REV NO: 00

DATE:18.01.2017

PAGE 3 OF 3

FOR ELECTRICAL ITEMS

ROLLING STOCK CERTIFICATE OF LHB/EOG NONAC SCN COACHES

| | | | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------|
| 11. | Battery fuse box +ve Make : NEC | LW 71001,Alt-F | 01 |
| 12. | Battery fuse box -ve Make : NEC | LW 71002,Alt-F | 01 |
| 13. | Regulated battery charger Make : IC ELECTRICAL Sr no : 10-18-0029 | As per RDSO/pe/spec/ac/0129, Rev.-1 (2009) | 01 |
| 14. | 9KVA transformer Make : VIMAL Sr no : LHB-1517 | As per RDSO/PE/SPEC/TL 0158, 2010, Rev` 0',Ty I. | 01 |
| 15. | ZS coupling 400A/750V/03Ph/50hz. Make : S.INTERNATIONAL | As per spec No EDTS 105,Rev` e' Am-3, TYPE-2 | 01 set |
| 16. | Feeder junction boxes. Make : AECO | EDTS-328 REV-C | 01 set |
| 17. | Wheel set earthing equipment. Make : DARSHAN INTERPRISES | EDTS101,REV-C,AM-1 | 02 sets |
| 18. | Wheel Slide Protection System (WSP) Make : FAIVELEY Sr no : 33-18-1371 | M/s : FAIVELEY | 01 set |
| 19. | 110V,120AH,VRLA SMF BATTERY SET WITH 19 MONOBLOCK (6V EACH) PRECHARGED,WIHI MODIFIED TRAY TOSKED-644 Make : AMARA RAJA Lug date : 04/17 | RDSO/pe/spec/ac-0009 rev-1- 2008 amdt-1 | 01 set |
| 20. | Battery box for LHB coaches. Make : HITECH | CC 91205 | 01 |

| | |
|------------------|--------------------------------------------------|
| | |
| SSE/EL/QC | SEE(P)/MCF/RBL/ DYCEE/P&P/MCF/RBL |

वरिष्ठ अनुभाग अभियन्ता
गुणवत्ता नियंत्रण
अपरेटिंग/लागू/रायबरेली
S.S.E./Elect-QC/M.C.F./LLJ/RBL

वरिष्ठ विद्युत अभियन्ता
रेल कोच फैक्टरी, रायबरेली, लखनऊ
Sr. Electrical Engineer / RCF / RBL / Lucknow