



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/2019-20/479

| | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | E | C | R | Coach No. | 1 | 9 | 5 | 8 | 5 | 7 | / | C | DATE OF DISPATCH | 2 | 0 | - | 0 | 7 | - | 1 | 9 |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | |
|-------------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|
| DISPATCH TO | Sr.DME/C&W/DNR | Type | L | W | S | C | N | 1 | Shell No. | 9 | 7 | 2 | 8 | 7 | FUR.NO. | LSCN-1112 |
|-------------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|

1. **Railway Board's Order No.** : 2019/M(C)/142/2, Dated: 03-06-2019
2. **Tare Weight of Coach** : 41.24 Tones
3. **Carrying Capacity** : (a) Seating: 80 (b) Sleeping: 80 (c) Luggage: NIL
4. **Special feature**: - Choke of 5/6 mm in DV side replace with 9 mm in both type (KBI & Faiveley) letter no. MC/LHB/Brake, Dated 27.09.2018

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 +/-10 | 1) 1105 (NPPE) 2) 1104 (PPE) |

6. TRACEABILITY OF SHELL ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|-----------------------|---------------------------------|----------------------------|
| 1. | Under frame | PP END M/s-M. TECH | 198 |
| | Front Part | NPP END M/s-M. TECH | 198 |
| | Complete | M/s-M. TECH | 198 |
| 2. | Lav. side wall | M/S- MIDAS GUJRAT | LAV.1 - LAV.2 - |
| | | M/S- MIDAS GUJRAT | LAV.3 - LAV.4 - |
| 3. | Side wall | LH SIDE MCF/RBL(CONTRACTOR V4U) | 87/01 |
| | | RH SIDE MCF/RBL(CONTRACTOR V4U) | 87/02 |
| 4. | End wall | PP END M/S- RAIL TECH, KXH | --- |
| | | NPP END MCF/RBL/SIS | --- |
| 5. | Roof | M/s-ECBT | 208 |
| 6. | Centre Buffer Coupler | M/S- SANROK, FARIDABAD | PP END 13030 NPP END 13052 |

7. AIRBRAKE 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 . ➤ Max. pressure in BC ➤ All Brake are applied | 6 - 10 sec. 3.0 ± 0.15 kg/cm ² . OK | 08 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 |

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 | M/s -VIBGYOR | Supply & apply | 90/88 | 07.07.19 |
| 2. | Insulation | | | Satisfactory | | |

Rajma
SSE/QC/MCF/RBL

गुणवत्ता विभाग
रेलवे कारखाना, रायबरेली (उत्तरांचल)



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/2019-20/479

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | E | C | R | Coach No. | 1 | 9 | 5 | 8 | 5 | 7 | / | C | - | DATE OF DISPATCH | 2 | 0 | 0 | 7 | 2 | 0 | 1 | 9 |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | |
|----------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|
| DISPATCH | SR.DME/C&W/DNR | Type | L | W | S | C | N | 1 | Shell No. | 9 | 7 | 2 | 8 | 7 | FUR .NO | LSCN-1112 |
|----------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|

9. DETAIL OF BOGIES:

| ITEMS | NPP Side | | | | PP Side | | | |
|---------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Bogie No | 190991 | | | | 190992 | | | |
| Bogie Type | FIAT | | | | FIAT | | | |
| Frame no. | MCF/RBL-LS5-1063 | | | | SCI-2316 | | | |
| Bolster no. | AMIT-284 | | | | AMIT-329 | | | |
| Axle No | 19 P- 2680 RWF | | 19 P- 2964 RWF | | 19 P- 2068 RWF | | 19 P- 2976 RWF | |
| Wheel Dia | 917.537 | 917.546 | 917.619 | 917.654 | 917.652 | 917.681 | 917.622 | 917.657 |
| Wheel Disc No | TZ 05-19 43510-9PF1 | TZ 05-19 48756-9PF3 | TZ 12-18 15133-8WI3 | TZ 05-18 23671-8PS6 | TZ 05-18 23686-8PQ6 | TZ 02-19 26903-9MG6 | TZ 05-18 23863-8PR8 | TZ 05-18 19536-8MT5 |
| R.B. Nos. | 02-19 04877 | 02-19 03378 | 02-19 04822 | 02-19 05001 | 02-19 36178 | 03-19 36160 | 02-19 04864 | 03-19 36251 |
| 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. | TAYAL & CO. Sr.NO.19-06 1978 | TAYAL & CO. Sr.NO.19-06 1911 | TAYAL & CO. Sr.NO.19-06 2066 | TAYAL & CO. Sr.NO.19-06 2076 |

11. TRACEABILITY OF BOGIE ITEMS :-

| S. NO | ITEM | MAKE/ SUPPLIER | SERIAL NO. | |
|-------|----------------------------|-----------------------------|--|--|
| | | | NPP SIDE | PP SIDE |
| 1. | Yaw Damper | KNORR | 13079,14295 | 14308,14302 |
| 2. | Primary outer Spring | CMFSK/CMSTL CMGBD/ CMRSK | CMFSK04-19 1035-585-230,CMGBD03-19 1100-22-278,CMSTL 01-19-03Y-4639,CMSTL 01-19-03Y-4703 | CMSTL01-19 03Y-4607,CMRSK05-16 07W-1102 CMFSK06-19-1036-033-16,06-19-1036-565-136 |
| 3. | Primary Inner Spring | CMRSK | 07-17 06X(5385,2336,3551,2494) | 07-17 06X(2397,8336,3823,3972) |
| 4. | Primary Damper | KONI | 03-19 (00421,05472,00877,01687) | 03-19 (01208,05703,00583,04250) |
| 5. | Secondary Damper | IAI | 06-19 (257188,2568710) | 06-19 (257059,257212) |
| 6. | Lateral Damper | GABRIEL | 11-18 871 | 11-18 961 |
| 7. | Brake Cylinder | FAV | D19(721,746,650,596) | (A19-456,819-626,D19-507,C19-040) |
| 8. | Brake Caliper | FAV | E19(812,810,577,580)B | C19(795,793,813,815)B |
| 9. | Brake Disc | FAV | 10-18(1414)09-18(637) 06-19(5633,5626)133561-300-1 | 06-19(5740,5739,6145,6138)133561-300-1 |
| 10. | Ball Joint Control Arm | AR | | |
| 11. | Lateral Bump Stop | GMT | | |
| 12. | Traction Centre make | SARITA | | |
| 13. | Traction lever make | JI | | |
| 14. | Ball joint traction lever | SGA | | |
| 15. | Ball joint traction centre | GMT | | |
| 16. | Leveling Valve | KNORR | 13-19 B 1662,13-19 B 1883 | 13-19 B 1787,13-19 B 1751 |
| 17. | Check Valve | KNORR | 03-19 17650 | 02-19 17615 |
| 18. | Anti roll bar Make | EMSON | | |
| 19. | Roll Link make | SARITA/AR | | |
| 20. | Fork make | EMSON | | |
| 21. | Control Arm Upper | RVE | 111218-1,RVE,171218-1,111218-1 | 121218-2,101218-1,121218-2,101218-1 |
| 22. | Control Arm Lower | RVE | 171218-1,RVE,111218-1,070119-1 | 171218-1,080219-3,RVE,171218-1 |
| 23. | Phonic Wheel | FAV | FT/KEP/1 | FT/KEP/1 |

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/2019-20/479

| | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | E | C | R | Coach No. | 1 | 9 | 5 | 8 | 5 | 7 | / | C | DATE OF DISPATCH | 2 | 0 | - | 0 | 7 | - | 1 | 9 |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | |
|-------------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|
| DISPATCH TO | Sr.DME/C&W/DNR | Type | L | W | S | C | N | 1 | Shell No. | 9 | 7 | 2 | 8 | 7 | FUR.NO. | LSCN-1112 |
|-------------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|

12. TRACEABILITY OF FURNISHING ITEMS:

| S NO | ITEM | MAKE/SUPPLIER | SERIAL NO |
|------|---------------------------------|---|---------------------------|
| 1. | Air Brake Module | M/S FAIVELY TRANS. TECH.INDIA LTD BADDI(HP) | F 19011 B |
| 2. | Pull box | M/S- KBI, FARIDABAD | |
| 3. | Distribution valve | M/S FAIVELY TRANS. TECH.INDIA LTD BADDI(HP) | 19065505 B |
| 4. | Fiba | M/S- KBI, FARIDABAD | PP-7401/29 NPP-7301/29 |
| 5. | Foot Step | M/s- SUPER SPARK PVT. LTD. FARIDABAD | |
| 6. | Decoupling arrangement | M/S-ELASTOMER INDS, MUMBAI | |
| 7. | Floor board | M/S-SHREE RAM PNL GOVINDGARH | |
| 8. | PVC | M/S-RESPONSIVE INDS DELHI | |
| 9. | Lavatory Inlay | M/s- SEEMA INDS. BHOPAL | |
| 10. | UIC Vestibule (PPE) | M/S-SUNCREST IND.KOLKATA | |
| 11. | UIC Vestibule (NPPE) | M/S-SUNCREST IND.KOLKATA | |
| 12. | Gangway bridge mounting (PPE) | M/S- HARE KRISHNA COACH PRODUCT KXH | |
| 13. | Gangway bridge mounting (NPPE) | M/S- HARE KRISHNA COACH PRODUCT KXH | |
| 14. | Body Side Window | M/S-AGF INDS KOLKATA | |
| 15. | Emergency Window | M/S-AGF INDS KOLKATA | |
| 16. | Hopper Window | M/S- SHATABDHI SAFETY GLASS, VADODARA | |
| 17. | Side panel | M/S-ACME INDS DELHI | |
| 18. | Roof ceiling | M/S-ACME INDS DELHI | |
| 19. | Door way ceiling | M/S-RAJA INDS KHANA | |
| 20. | Body Side Doors 1,2,3 | M/s- JVR INDS, LUDHIYANA | |
| 21. | Body Side Doors 4 | M/S-EEPL LUDHIYANA | |
| 22. | Vestibule Door(PPE) | M/S- JBM INDUSTRIES, FARIDABAD | |
| 23. | Vestibule Door(NPPE) | M/S- JBM INDUSTRIES, FARIDABAD | |
| 24. | Bio Tank | M/s- FLASH FORGE (P)LTD. VIZAG, | |
| 25. | Auxiliary Water Tank | M/S- AMIT ENG. MOHALI | |
| 26. | Under Slung Water Tank(2X685L) | M/S- RAIL FAB KXH | |
| 27. | Under Slung Water Tank (1X685L) | M/S- AMIT ENG. MOHALI | |
| 28. | Controlled Discharge Tap | M/s- AGMECO PVT. LTD. U.K | |
| 29. | Health Faucet | M/s- KAPCO VALVES, JALANDHAR | |
| 30. | Lotah Filler Tap | M/s- KAPCO VALVES, JALANDHAR | |
| 31. | Lavatory Doors | M/S-J.R INDS JALANDHAR | |
| 32. | Seat & Berth | M/S - OVPL MUMBAI | |
| 33. | Snack Table | N/A | |

SSE/QC/MCF/RBL

गुणवत्ता विभाग

रायबरेली, रायबरेली (उ.प्र.)



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/2019-20/479

| | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|
| RLY | E | C | R | Coach No. | 1 | 9 | 5 | 8 | 5 | 7 | / | C | DATE OF DISPATCH | 2 | 0 | - | 0 | 7 | - | 1 | 9 |
|-----|---|---|---|-----------|---|---|---|---|---|---|---|---|------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | |
|-------------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|
| DISPATCH TO | Sr.DME/C&W/DNR | Type | L | W | S | C | N | 1 | Shell No. | 9 | 7 | 2 | 8 | 7 | FUR.NO. | LSCN-1112 |
|-------------|----------------|------|---|---|---|---|---|---|-----------|---|---|---|---|---|---------|-----------|

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, 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. |

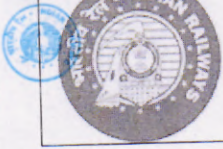
NOTE:

- 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/QC/MCF/RBL वरिष्ठ यंत्रिक अभियंता/गुणवत्ता गुणवत्ता विभाग रेल डिब्बा कारखाना, रायबरेली (लालगंज) | SMC/QC/MCF/RBL वरिष्ठ यंत्रिक अभियंता/गुणवत्ता Senior Mechanical Engineer/Quality आधुनिक रेल डिब्बा कारखाना, रायबरेली Modern Coach Factory Raebareli | Dy. Chief उप मुख्या 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 NONAC SCN COACHES
ELECTRICAL TEST CERTIFICATE FOR LHB/EOG NON AC COACHES

| TYPE COACH | LWSCN | SHELL/COACH NO | 195857/C |
|------------|---------------------------------------|------------------|----------|
| RAILWAY | ECR | 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 : MV On Board Sr no : 065/L/19-20 HT Panel Sr no : 060/H/19-20 | EDTS 333, Rev` 01`Am-1 | 01 |
| 02. | Pump equipment with PLC controller & pump box Make : DR AUTO Sr no PA: 2019/06/0195 Sr no.1 : 19060585 Sr no.2 : 19060598 Srno.CPA: 2019/06/071-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 : RECORD/SALZER | EDML 086,Rev-03, ITEM-01 | 20 |
| 06. | Fitment of Switch Plate Assly Corridor Side),Make : RECORD/SALZER | EDML 086, Rev 03, ITEM-02 | 20 |
| 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 : DR AUTO | CC76289 & CC76443 | 09 |

Senior Section Engineer
Quality control / Electrical
Modern Coach Factory Raebareli



MCF/RBL



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 : RADIANT | LW 71001,Alt-F | 01 |
| 12. | Battery fuse box -ve Make : ISGPL | LW 71002,Alt-F | 01 |
| 13. | Regulated battery charger Make : PI ENGG. Sr no: PI/19060008 | As per RDSO/pe/spec/ac/0129, Rev.-1 (2009) | 01 |
| 14. | 9KVA transformer Make : VIMAL Sr no : VTC 3089 LHB-1972 | As per RDSO/PE/SPEC/TL 0158, 2010, Rev` 0',Ty I. | 01 |
| 15. | ZS coupling 400A/750V/03Ph/50hz. Make : MAA LAXMI INDUSTRIES | As per spec No EDTS 105,Rev` e' Am-3, TYPE-2 | 01 set |
| 16. | Feeder junction boxes. Make : SIDWAL | EDTS-328 REV-C | 01 set |
| 17. | Wheel set earthing equipment. Make : CHANDA & CHANDA | EDTS101,REV-C,AM-1 | 02 sets |
| 18. | Wheel Slide Protection System (WSP) Make : FAIVELEY Sr no : 07/19/219 | M/s : FAIVELEY | 01 set |
| 19. | 110V,120AH,VRLA SMF BATTERY SET WITH 19 MONOBLOCK (6V EACH) PRECHARGED,WIH MODIFIED TRAY TOSKED-644 Make : HBL Lug date : 06/19 | 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 | AWM(ELECT.)/MCF/RBL |
| SEE(P)/MCF/RBL | |

वरिष्ठ अनुभाग अभियन्ता
गुणवत्ता नियंत्रण
आ०रे०डि०का० / लालगंज / रायबरेली
S.S.E./Elect-QC/M.C.F./LLJ/RBL

स० कार्य प्रबन्धक / विद्युत
आ०रे०डि०का० / रायबरेली
A.W.M./Electrical/MCF/RBL