



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

| | | | | | |
|-------|---|--|--|---------------------|-------------------------|
| 1. | SHELL No: | 4001 | DISPATCH DATE: | | 22.5.2014 |
| 2. | RAILWAY | NW | Type: | GSLRD | Coach No.: 13716 |
| 3. | Booked to | SSE/C&W/JP | | | |
| 4. | Tare Weight of Coach : | 37.10 T | | | |
| 5. | Carrying Capacity : | Seating: | 20 | Sleeping: | 4 |
| | | | | Luggage: | 8T |
| 6. | Shell Details: (SG-90004 alt 'b') | | | | |
| 6.1 | Leading Dimensions; | | | | |
| i) | Maximum height above rail to top of Roof ventilator | 4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only) | | | |
| ii) | Maximum length over Body | 21337 ± 10 | | | |
| iii) | Maximum length over Buffer | 22297 ± 15 | | | |
| iv) | Maximum width over Body | 3245 ± 5 | | | |
| v) | Maximum width over Flasher light | 3402 +0/-5 | | | |
| vi) | Minimum height above rail level to the lowest fitting | 200 mm | | | |
| vii) | Buffer/CBC Height | Specified : 1104 +0 /- 10 mm | 1104/1104 | 1104/1104 | |
| viii) | Buffer/CBC (Make) | RIL | | | |
| ix) | Draw Gear (Make) | EMSON | | | |
| 7. | Air Brake Testing: | | | | |
| | Description | | | Specified | |
| 7.1 | Emergency Application | Time for 0 to 3.6 Kg/cm2 of BC | Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type) | | |
| | | Brake release time to reach .4 Kg/cm2 | Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type) | | |
| 7.2 | Insensitivity | BP dipped @ 0.30 Kg/cm2 n 60 sec | No brake application | | |
| 7.3 | Sensitivity | BP dipped @ 0.60 Kg/cm2 in 6 sec | Brakes "ON" | | |
| 7.4 | Passenger alarm by pulling chain | BP Blasts out, Brakes "ON" | | | |
| 7.5 | Piston stroke for BMBC type coach only | 19 +10/-0 mm (NAC) | | | |
| 8. | PAINTING DEATAILS: | | | | |
| | | TYPE OF PAINT | MAKE | AVERAGE GLOSS VALUE | |
| 8.1 | PAINT | PU PAINT | ADVANCE | 86 | |
| 8.2 | APPLICATION OF PCN-123 | SATISFACTORY | | | |
| 8.3 | INSUALTION | SATISFACTORY | | | |
| 9. | Traceability of Furnishing Items: | | | | |
| i. | BRAKE EQUIPMENT | Make ESCORTS | | | |
| ii. | SEAT & BERTH | SAVITRI | | | |
| iii. | WATER TANKS | AMIT & RAIL FAB | | | |
| iv. | PVC | RESPONSIVE | | | |
| v. | FLOOR BOARD | OVPL | | | |
| vi. | UIC VESTIBULE | NA | | | |
| vii. | LAV. DOORS | AMIR CHAND, AMIR CHAND & RCF MADE | | | |
| viii. | LP SHEET | PUNJAB LAMINATES | | | |
| ix) | BIO- TOILET | OMAX | | | |
| 10. | 10.1 | Modification/ Trial (if any): | NIL | | |
| | 10.2 | Deviations (if any): | NIL | | |



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 2 of 3

Shell No.: 4001

Dispatch Date: 10-04-2014

| | | | | | |
|-----|----|------|-------|-----------|-------|
| RLY | NW | Type | GSLRD | Coach No. | 13716 |
|-----|----|------|-------|-----------|-------|

BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'

5.0. Details of Bogies:

| Items | Alarm side | | | | Non Alarm Side | | | |
|----------------|---|---------------|---------------|---------------|----------------|---------------|---------------|---------------|
| Bogie No | 140435 | | | | 140446 | | | |
| Frame No. | ASR-1048 | | | | ASR-1078 | | | |
| Axle No. | S-3663 | | RWF-93747 | | U-9406 | | RWF-97850 | |
| Wheel Diameter | 917.00 | 917.00 | 918.00 | 917.50 | 917.00 | 917.00 | 917.50 | 917.50 |
| Wheel Disc No. | 03917/23 5 | 03656/28 7 | 0391283 69 | 04171/2 56 | 04242/2 22 | 03664/25 9 | 03662/24 1 | 81182/3 32 |
| R.B. No. | B-0609 | B-0561 | A-0554 | A-0556 | Y-1400 | Y-1295 | Y-1266 | Y-1202 |
| R.B. Make | NBC | | NBC | | FAG | | FAG | |
| Type | Direct Mounted Spherical Roller Bearing | | | | | | | |

5.1 Traceability:

| SNO | ITEM | PP Side Bogie | NPP side Bogie | Make |
|-----|---------------------------|---------------|----------------|------|
| 1 | BRAKE CYLINDER NO | 13405,13404 | 13395,13541 | PEW |
| 2 | SECONDARY VERTICAL DAMPER | 10160,9941 | 10119,10122 | GAB |

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

GSLRD-4001



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Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

| | | | | | | |
|-------|---|---------------------------------------|----------------|--|--|-------------|
| 1. | SHELL No: | 4002 | DISPATCH DATE: | | | 17.5.2014 |
| 2. | RAILWAY | NW | Type: | GSLRD | Coach No.: | 13715 |
| 3. | Booked to | SSE/C&W/JP | | | | |
| 4. | Tare Weight of Coach : | 37.10 T | | | | |
| 5. | Carrying Capacity : | Seating: | 20 | Sleeping: | 4 | Luggage: 8T |
| 6. | Shell Details: (SG-90004 alt 'b') | | | | | |
| 6.1 | Leading Dimensions; | | | | | |
| i) | Maximum height above rail to top of Roof ventilator | | | | 4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only) | |
| ii) | Maximum length over Body | | | | 21337 ± 10 | |
| iii) | Maximum length over Buffer | | | | 22297 ± 15 | |
| iv) | Maximum width over Body | | | | 3245 ± 5 | |
| v) | Maximum width over Flasher light | | | | 3402 +0/-5 | |
| vi) | Minimum height above rail level to the lowest fitting | | | | 200 mm | |
| vii) | Buffer/CBC Height | Specified : 1104 +0 /-10 mm | | 1104/1104 | 1104/1104 | |
| viii) | Buffer/CBC (Make) | | | | RIL | |
| ix) | Draw Gear (Make) | | | | EMSON | |
| 7. | Air Brake Testing: | | | | | |
| | Description | | | Specified | | |
| 7.1 | Emergency Application | Time for 0 to 3.6 Kg/cm2 of BC | | Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type) | | |
| | | Brake release time to reach .4 Kg/cm2 | | Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type) | | |
| 7.2 | Insensitivity | BP dipped @ 0.30 Kg/cm2 n 60 sec | | No brake application | | |
| 7.3 | Sensitivity | BP dipped @ 0.60 Kg/cm2 in 6 sec | | Brakes "ON" | | |
| 7.4 | Passenger alarm by pulling chain | | | BP Blasts out, Brakes "ON" | | |
| 7.5 | Piston stroke for BMBC type coach only | | | 19 +10/-0 mm (NAC) | | |
| 8. | PAINTING DEATAILS: | | | | | |
| | | TYPE OF PAINT | MAKE | AVERAGE GLOSS VALUE | | |
| 8.1 | PAINT | PU PAINT | ADVANCE | 86 | | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | |
| 9. | Traceability of Furnishing Items: | | | | Make | |
| i. | BRAKE EQUIPMENT | | | ESCORTS | | |
| ii. | SEAT & BERTH | | | SAVITRI | | |
| iii. | WATER TANKS | | | AMIT | | |
| iv. | PVC | | | RESPONSIVE | | |
| v. | FLOOR BOARD | | | OVPL | | |
| vi. | UIC VESTIBULE | | | NA | | |
| vii. | LAV. DOORS | | | VEE CEE, AMIR CHAND & RCF MADE | | |
| viii. | LP SHEET | | | PUNJAB LAMINATES | | |
| ix) | BIO- TOILET | | | OMAX | | |
| 10. | 10.1 | Modification/ Trial (if any): | | NIL | | |
| | 10.2 | Deviations (if any): | | NIL | | |



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Shell No.: 4002

Dispatch Date: 19-04-2014

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|-----|----|------|-------|-----------|-------|
| RLY | NW | Type | GSLRD | Coach No. | 13515 |
|-----|----|------|-------|-----------|-------|

BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'

5.0. Details of Bogies:

| Items | Alarm side | | | | Non Alarm Side | | | |
|----------------|---|---------------|---------------|---------------|----------------|---------------|---------------|---------------|
| Bogie No | 140490 | | | | 140448 | | | |
| Frame No. | ASR-945 | | | | ASR-961 | | | |
| Axle No. | U-8574 | | U-9632 | | RWF-98205 | | RWF-98254 | |
| Wheel Diameter | 918.00 | 918.00 | 917.50 | 917.00 | 918.00 | 917.50 | 917.00 | 917.00 |
| Wheel Disc No. | 4096/221 | 04089/23 3 | 04074/22 1 | 03950/2 23 | 04195/2 84 | 04233/24 2 | 04095/23 0 | 98983/24 1 |
| R.B. No. | B-0920 | B-0901 | | | Y-1342 | Y-1329 | Y-1212 | Y-1323 |
| R.B. Make | NBC | | NBC | | FAG | | FAG | |
| Type | Direct Mounted Spherical Roller Bearing | | | | | | | |

5.1 Traceability:

| SNO | ITEM | PP Side Bogie | NPP side Bogie | Make |
|-----|---------------------------|---------------|----------------|------|
| | | | | |
| 1 | BRAKE CYLINDER NO | 6924,6805 | 7658,7518 | AJT |
| 2 | SECONDARY VERTICAL DAMPER | 10291,10302 | 9908,10339 | GAB |

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):