



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

|       |   |   |                             |  |  |                    |                   |
|-------|---|---|-----------------------------|--|--|--------------------|-------------------|
| 1.    | SHELL No:   | <b>7004</b>                                       | DISPATCH DATE:              |  |  |                    | <b>30.03.2017</b> |
| 2.    | RAILWAY   | <b>NER</b>  | Type:                       | <b>GSLRD/CBC</b>   | Coach No.:   | <b>16706</b>       |                   |
| 3.    | Booked to   |   |                             | <b>SSE/C&amp;W/GKP</b>   |  |                    |                   |
| 4.    | Tare Weight of Coach :                                |   |                             | <b>37.10 T</b>   |  |                    |                   |
| 5.    | Carrying Capacity :                                   | Seating:  | 20                          | Sleeping:  | 4  | Luggage: <b>8T</b> |                   |
| 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)<br>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)  | CBC Height  |   | Specified : 1104 +0 /-10 mm |  | <b>1104</b>  | <b>1100</b>        |                   |
| viii) | CBC (Make )   |   |                             |  | <b>ESCORTS</b>                                     |                    |                   |
| 7.    | Air Brake Testing:                                    |   |                             |  |  |                    |                   |
|       |   |   | Description                 | Specified  |  |                    |                   |
| 7.1   | Emergency Application                                 | Time for 0 to 3.6 Kg/cm <sup>2</sup> of BC        |                             | Less than 05 Sec (for BMBC type)<br>3 to 5 Sec (for Non BMBC type)   |  |                    |                   |
|       |   | Brake release time to reach .4 Kg/cm <sup>2</sup> |                             | Less than 20 Sec (for BMBC type)<br>15 to 20 Sec (for Non BMBC type) |  |                    |                   |
| 7.2   | Insensitivity   | BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec      |                             | No brake application   |  |                    |                   |
| 7.3   | Sensitivity   | BP dipped @ 0.60 Kg/cm <sup>2</sup> 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  |                             | <b>GS</b>  | <b>85/85</b>                                       |                    |                   |
| 8.2   | APPLICATION OF PCN-123                                |   |                             |  |  |                    |                   |
| 8.3   | INSUALTION  |   |                             |  |  |                    |                   |
| 9.    | Traceability of Furnishing Items:                     |   |                             |  | Make   |                    |                   |
| i.    | BRAKE EQUIPMENT                                       |   |                             |  | <b>KBI</b>   |                    |                   |
| ii.   | SEAT & BERTH  |   |                             |  | <b>OVPL, AAR KAY FOAMS</b>                         |                    |                   |
| iii.  | WATER TANKS   |   |                             |  | <b>AMIT</b>  |                    |                   |
| iv.   | PVC   |   |                             |  | <b>RESPONSIVE</b>                                  |                    |                   |
| v.    | FLOOR BOARD   |   |                             |  | <b>TWPL</b>  |                    |                   |
| vi.   | UIC VESTIBULE   |   |                             |  | <b>--</b>  |                    |                   |
| vii.  | LAV. DOORS  |   |                             |  | <b>GANDHI, DHINJAN, BEECEE</b>                     |                    |                   |
| viii. | LP SHEET  |   |                             |  |  |                    |                   |
| ix)   | BIO- TOILET   |   |                             |  | <b>JSL</b>   |                    |                   |
| 10.   | 10.1  | Modification/ Trial (if any):                     |                             |  |  |                    |                   |
|       | 10.2  | Deviations (if any):                              |                             |  |  |                    |                   |



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|------|--|---|-----------|-----------|-----------|-------------------|-----------|-----------|-------------------|--|--|
| 11.  | Bogie Details:   | Shell No.                               | Railway   |           | Type      |                   | Coach No. |           | Dispatch Date     |  |  |
|      |  | 7004                                    | NER       |           | GSLRD     |                   | 16706     |           | 24-12-2016        |  |  |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |   |           |           |           |                   |           |           |                   |  |  |
| 11.2 | Wheel & Axle Details:                                  | PP Side                                 |           |           |           | NPP Side          |           |           |                   |  |  |
|      | i. Bogie No.   | 161350                                  |           |           |           | 161336            |           |           |                   |  |  |
|      | ii. Frame No.  | TEXMACO-44                              |           |           |           | UBLS-2280         |           |           |                   |  |  |
|      | iii. Axle No.  | K-5179                                  |           | N-8448    |           | RWF-112668        |           | 4955      |                   |  |  |
|      | iv. Wheel Diameter                                     | 917.00                                  | 917.00    | 917.00    | 917.00    | 917.00            | 917.00    | 916.00    | 916.00            |  |  |
|      | v. Wheel Disc No.                                      | 18189/324                               | 18305/267 | 19837/327 | 19569/323 | 19579/330         | 20097/241 | 19817/217 | 19817/287         |  |  |
|      | vi. R.B. Nos.  | F3217                                   | F3230     | J0165     | J0167     | F3153             | F3240     | J0179     | F3225             |  |  |
|      | vii. R.B. Make   | NBC                                     |           | NBC       |           | NBC               |           | NBC       |                   |  |  |
|      | viii. R.B. Type  | Direct Mounted Spherical Roller Bearing |           |           |           |                   |           |           |                   |  |  |
| 11.3 | <u>Items Traceability:</u>                             |   |           |           | PP SIDE   |                   |           | NPP SIDE  |                   |  |  |
|      | i.   | BRAKE CYLINDER Make & NO.               |           |           |           | PEW-F0434,F9483   |           |           | PEW-F8906,F9458   |  |  |
|      | ii.  | SECONDARY Shock Absorber Make &NO.      |           |           |           | GABRIEL-4690,4468 |           |           | GABRIEL-4186,4636 |  |  |
| 11.4 | i.   | Modification/ Trail (if any):           |           |           |           | NIL               |           |           |                   |  |  |
|      | ii.  | Deviations (if any):                    |           |           |           | NIL               |           |           |                   |  |  |

GSLRD-7004

