



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

|       |   |                                       |                            |  |                     |                     |
|-------|---|---------------------------------------|----------------------------|--|---------------------|---------------------|
| 1.    | SHELL No:   | <b>5008</b>                           | DISPATCH DATE:             |  |                     | <b>12.06.2015</b>   |
| 2.    | RAILWAY   | <b>SCR</b>                            | Type:                      | <b>WGSCN</b>   | Coach No.:          | <b>15209</b>        |
| 3.    | Booked to   | <b>SSE/C&amp;W/HYB</b>                |                            |  |                     |                     |
| 4.    | Tare Weight of Coach :                                | <b>38.03</b>                          |                            |  |                     |                     |
| 5.    | Carrying Capacity :                                   | Seating:                              | <b>72</b>                  | Sleeping:  | <b>72</b>           | Luggage: <b>NIL</b> |
| 6.    | Shell Details: SE90017                                |                                       |                            |  |                     |                     |
| 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 |                                       |                            | 181.5  |                     |                     |
| vii)  | Buffer/CBC Height                                     | Specified : 1104 +0 /-10 mm           |                            | <b>1104/1104</b>   | <b>1104/1104</b>    |                     |
| viii) | Buffer/CBC (Make )                                    |                                       |                            | <b>JLS</b>   |                     |                     |
| ix)   | Draw Gear (Make)                                      |                                       |                            | <b>RK</b>  |                     |                     |
| 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)<br>3 to 5 Sec (for Non BMBC type)   |                     |                     |
|       |   | Brake release time to reach .4 Kg/cm2 |                            | Less than 20 Sec (for BMBC type)<br>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                              |                            | <b>APC</b>   | <b>85/85</b>        |                     |
| 8.2   | APPLICATION OF PCN-123                                |                                       | <b>SATISFACTORY</b>        |  |                     |                     |
| 8.3   | INSUALTION  |                                       | <b>SATISFACTORY</b>        |  |                     |                     |
| 9.    | Traceability of Furnishing Items:                     |                                       |                            | Make   |                     |                     |
| i.    | BRAKE EQUIPMENT                                       |                                       |                            | <b>ESCORT</b>  |                     |                     |
| ii.   | SEAT & BERTH  |                                       |                            | <b>SUKATA</b>  |                     |                     |
| iii.  | WATER TANKS   |                                       |                            | <b>AMIT, RUBICONE</b>  |                     |                     |
| iv.   | PVC   |                                       |                            | <b>RESPONSIVE</b>  |                     |                     |
| v.    | FLOOR BOARD   |                                       |                            | <b>TAYAL</b>   |                     |                     |
| vi.   | UIC VESTIBULE   |                                       |                            | <b>KRP</b>   |                     |                     |
| vii.  | WINDOWS   |                                       |                            | <b>AGF,ABC, MECIDON</b>  |                     |                     |
| viii. | LAV. DOORS  |                                       |                            | <b>AMIR CHAND</b>  |                     |                     |
| ix)   | LP SHEET  |                                       |                            | <b>NA</b>  |                     |                     |
| x)    | BIO- TOILET   |                                       |                            | <b>ORIENTAL, M K PRECISION</b>                                       |                     |                     |
| 10.   | 10.1  | Modification/ Trial (if any):         |                            | <b>NIL</b>   |                     |                     |
|       | 10.2  | Deviations (if any):                  |                            | <b>NIL</b>   |                     |                     |



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|------|--|---------------------------------|---|---------------|---------------|-------------------|---------------|-----------------|---------------|-----------|--|
| 12.  | Bogie Details:   | Shell No.                       | Railway                                 |               | Type          |                   | Coach No.     |                 | Dispatch Date |           |  |
|      |  | 5008                            | SCR                                     |               | SCN           |                   | 15209         |                 | 22-05-2015    |           |  |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |                                 |   |               |               |                   |               |                 |               |           |  |
| 12.2 | Wheel & Axle Details:                                  |                                 | PP Side                                 |               |               |                   | NPP Side      |                 |               |           |  |
|      | i.   | Bogie No.                       | 150652                                  |               |               |                   | 150653        |                 |               |           |  |
|      | ii.  | Frame No.                       | ASR-154                                 |               |               |                   | UBLS-1378     |                 |               |           |  |
|      | iii.   | Axle No.                        | P-9917                                  |               | A-3963        |                   | P-9844        |                 | A-4658        |           |  |
|      | iv.  | Wheel Diameter                  | 917.00                                  | 917.00        | 917.00        | 917.00            | 917.00        | 917.00          | 917.00        | 917.00    |  |
|      | v.   | Wheel Disc No.                  | 10550/2<br>69                           | 10187/2<br>53 | 10317/2<br>26 | 10233/2<br>79     | 10323/2<br>48 | 08065/2<br>05   | 10727/2<br>24 | 03819/375 |  |
|      | vi.  | R.B. Nos.                       | W1482                                   | W1578         | X2085         | X2082             | W1519         | W1585           | W1356         | W1479     |  |
|      | vii.   | R.B. Make                       | FAG                                     |               | FAG           |                   | FAG           |                 | FAG           |           |  |
|      | viii.  | R.B. Type                       | Direct Mounted Spherical Roller Bearing |               |               |                   |               |                 |               |           |  |
| 12.3 | <u>Items Traceability:</u>                             |                                 |   |               |               |                   |               |                 |               |           |  |
|      | i.   | BRAKE CYLINDER (Make)           |   |               |               | E9248,E9097 PEW   |               | E9151,E9111 PEW |               |           |  |
|      | ii.  | SECONDARY Shock Absorber (Make) |   |               |               | 11014, 11021 GAB. |               | 10804,10916 GAB |               |           |  |
| 12.4 | i.   | Modification/ Trail (if any):   |   |               |               | NIL               |               |                 |               |           |  |
|      | ii.  | Deviations (if any):            |   |               |               | NIL               |               |                 |               |           |  |

WGSCN-5008