



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

|       |   |                                       |                            |  |                     |              |
|-------|---|---------------------------------------|----------------------------|--|---------------------|--------------|
| 1.    | SHELL No:   | 7090                                  | DISPATCH DATE:             |  |                     | 09/08/2017   |
| 2.    | RAILWAY   | SR                                    | Type:                      | WGSCN  | Coach No.:          | 16275        |
| 3.    | Booked to   | SSE/C&W/PER                           |                            |  |                     |              |
| 4.    | Tare Weight of Coach :                                | 38.03                                 |                            |  |                     |              |
| 5.    | Carrying Capacity :                                   | Seating:                              | 72                         | Sleeping:  | 72                  | Luggage: NIL |
| 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)  | CBC Height  | Specified : 1104 +0 /-10 mm           |                            | 1104   | 1104                |              |
| viii) | CBC (Make )   |                                       |                            | SANROK   |                     |              |
| ix)   | Draw Gear (Make)                                      |                                       |                            |  |                     |              |
| 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                              |                            | GS   | 85/86               |              |
| 8.2   | APPLICATION OF PCN-123                                |                                       | SATISFACTORY               |  |                     |              |
| 8.3   | INSUALTION  |                                       | SATISFACTORY               |  |                     |              |
| 9.    | Traceability of Furnishing Items:                     |                                       |                            | Make   |                     |              |
| i.    | BRAKE EQUIPMENT                                       |                                       |                            | ESCORT   |                     |              |
| ii.   | SEAT & BERTH  |                                       |                            | OVPL   |                     |              |
| iii.  | WATER TANKS   |                                       |                            | AMIT,RAIL FAB  |                     |              |
| iv.   | PVC   |                                       |                            | RESPONSIVE   |                     |              |
| v.    | FLOOR BOARD   |                                       |                            | TWPL   |                     |              |
| vi.   | UIC VESTIBULE   |                                       |                            | KRP  |                     |              |
| vii.  | WINDOWS   |                                       |                            | ABC, MECIDON   |                     |              |
| viii. | LAV. DOORS  |                                       |                            | RCF  |                     |              |
| ix)   | LP SHEET  |                                       |                            | PUNJAB LAMINATE  |                     |              |
| x)    | BIO- TOILET   |                                       |                            | OMAX INDIA LIMITED   |                     |              |
| 10.   | 10.1  | Modification/ Trial (if any):         |                            | NIL  |                     |              |
|       | 10.2  | Deviations (if any):                  |                            | NIL  |                     |              |



रेल डिब्बा कारखाना  
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 170407406

|   |                                     |   |           |           |           |                   |           |               |           |
|---|-------------------------------------|---|-----------|-----------|-----------|-------------------|-----------|---------------|-----------|
| 11.   | Bogie Details:                      | Shell No.                               | Railway   |           | Type      | Coach No.         |           | Dispatch Date |           |
|   |                                     | 7090                                    | SR        |           | WGSCN     | 16275/C           |           | 09-AUG-17     |           |
| 11.1 BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a" |                                     |   |           |           |           |                   |           |               |           |
| 11.2 Wheel & Axle Details:                                  |                                     |   |           |           |           |                   |           |               |           |
| i.  | Bogie No.                           | 170407                                  |           |           |           | 170406            |           |               |           |
|   | Frame No.                           | ASR-1000                                |           |           |           | ASR-1059          |           |               |           |
|   | Axle No.                            | 9835                                    |           | 243       |           | K-4994            |           | 524           |           |
|   | Wheel Diameter                      | 917.00                                  | 917.00    | 917.00    | 917.00    | 917.00            | 917.50    | 917.00        | 917.00    |
|   | Wheel Disc No.                      | 19604-320                               | 19604-339 | 19542-222 | 19544-332 | 19721-337         | 19801-332 | 19670-295     | 19547-265 |
|   | RB Nos                              | H1174                                   | H1147     | H1186     | H1154     | J1644             | J1672     | H1176         | H1151     |
|   | RB Make                             | NBC                                     |           | NBC       |           | NBC               |           | NBC           |           |
|   | RB Type                             | Direct Mounted Spherical Roller Bearing |           |           |           |                   |           |               |           |
| 11.3 Items traceability:                                    |                                     |   |           |           |           |                   |           |               |           |
| i.  | Break Cylinder Make & No.           | AJTECH-1671,1651                        |           |           |           | PEW-K12985,K12938 |           |               |           |
|   | Secondary shock Absorber Make & NO. | KNORR-19039,19035                       |           |           |           | KNORR-18942,19034 |           |               |           |
| 11.4  | i.                                  | Modification/Trail(if any):             |           | NIL       |           |                   |           |               |           |
|   | ii.                                 | Deviations (if any):                    |           | NIL       |           |                   |           |               |           |

WGSCN-7090



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Rail Coach Factory , Kapurthala

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QMF4254;  
Version: 05

|       |   |                                       |                            |  |                     |              |
|-------|---|---------------------------------------|----------------------------|--|---------------------|--------------|
| 1.    | SHELL No:   | 7089                                  | DISPATCH DATE:             |  |                     | 01/08/2017   |
| 2.    | RAILWAY   | SR                                    | Type:                      | WGSCN  | Coach No.:          | 16276        |
| 3.    | Booked to   | SSE/C&W/PER                           |                            |  |                     |              |
| 4.    | Tare Weight of Coach :                                | 38.03                                 |                            |  |                     |              |
| 5.    | Carrying Capacity :                                   | Seating:                              | 72                         | Sleeping:  | 72                  | Luggage: NIL |
| 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)  | CBC Height  | Specified : 1104 +0 /-10 mm           |                            | 1104   | 1104                |              |
| viii) | CBC (Make )   |                                       |                            | SANROK   |                     |              |
| ix)   | Draw Gear (Make)                                      |                                       |                            |  |                     |              |
| 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                              |                            | GS   | 85/85               |              |
| 8.2   | APPLICATION OF PCN-123                                |                                       | SATISFACTORY               |  |                     |              |
| 8.3   | INSUALTION  |                                       | SATISFACTORY               |  |                     |              |
| 9.    | Traceability of Furnishing Items:                     |                                       |                            | Make   |                     |              |
| i.    | BRAKE EQUIPMENT                                       |                                       |                            | ESCORT   |                     |              |
| ii.   | SEAT & BERTH  |                                       |                            | OVPL   |                     |              |
| iii.  | WATER TANKS   |                                       |                            | AMIT,RAIL FAB  |                     |              |
| iv.   | PVC   |                                       |                            | RESPONSIVE   |                     |              |
| v.    | FLOOR BOARD   |                                       |                            | TWPL   |                     |              |
| vi.   | UIC VESTIBULE   |                                       |                            | KRP  |                     |              |
| vii.  | WINDOWS   |                                       |                            | ABC, MECIDON,MSP   |                     |              |
| viii. | LAV. DOORS  |                                       |                            | TWPL   |                     |              |
| ix)   | LP SHEET  |                                       |                            | PUNJAB LAMINATE  |                     |              |
| x)    | BIO- TOILET   |                                       |                            | MRC  |                     |              |
| 10.   | 10.1  | Modification/ Trial (if any):         |                            | NIL  |                     |              |
|       | 10.2  | Deviations (if any):                  |                            | NIL  |                     |              |



**रेल डिब्बा कारखाना**  
**RAIL COACH FACTORY, KAPURTHALA**

Bogie Pair ID: 170418419

|       |  |   |               |               |                      |                            |           |           |           |
|-------|--|---|---------------|---------------|----------------------|----------------------------|-----------|-----------|-----------|
| 11.   | Bogie Details:   | Shell No.<br>7089                       | Railway<br>SR | Type<br>WGSCN | Coach No.<br>16276/C | Dispatch Date<br>01-AUG-17 |           |           |           |
| 11.1  | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a" |   |               |               |                      |                            |           |           |           |
| 11.2  | Wheel & Axle Details:                                  |   |               |               |                      |                            |           |           |           |
| i.    | Bogie No.  | 170418                                  |               |               | 170419               |                            |           |           |           |
| ii.   | Frame No.  | ASR-696                                 |               |               | ASR-584              |                            |           |           |           |
| iii.  | Axle No.   | 9355                                    | 447           | 1504          | 436                  |                            |           |           |           |
| iv.   | Wheel Diameter   | 918.00                                  | 918.00        | 918.00        | 918.00               | 918.00                     | 918.00    | 918.00    |           |
| v.    | Wheel Disc No.   | 19574-206                               | 19546-241     | 19590-382     | 19603-215            | 19590-390                  | 19542-313 | 19599-385 | 19573-343 |
| vi.   | RB Nos   | H0418                                   | H0407         | J1292         | J1296                | H0415                      | H0413     | H0428     | H0424     |
| vii.  | RB Make  | NBC                                     |               | NBC           |                      | NBC                        |           | NBC       |           |
| viii. | RB Type  | Direct Mounted Spherical Roller Bearing |               |               |                      |                            |           |           |           |
| 11.3  | Items traceability:                                    |   |               |               |                      |                            |           |           |           |
| i.    | Break Cylinder Make & No.                              | AJTECH-1657,1204                        |               |               | AJTECH-1707,1739     |                            |           |           |           |
| ii.   | Secondary shock Absorber Make & NO.                    | KNORR-19045,18936                       |               |               | KNORR-18940,18916    |                            |           |           |           |
| 11.4  | i.   | Modification/Trail (if any):            |               | NIL           |                      |                            |           |           |           |
|       | ii.  | Deviations (if any):                    |               | NIL           |                      |                            |           |           |           |

WGSCN=7089

