



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

|       |   |   |                            |  |                     |                     |
|-------|---|---|----------------------------|--|---------------------|---------------------|
| 1.    | SHELL No:   | <b>6050</b>                                       | DISPATCH DATE:             |  |                     | <b>13.07.2016</b>   |
| 2.    | RAILWAY   | <b>WR</b>   | Type:                      | <b>WGSCN</b>   | Coach No.:          | <b>16285</b>        |
| 3.    | Booked to   | <b>SSE/C&amp;W/ mumbai</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>HEPL</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/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>85/86</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>SAVITRY</b>   |                     |                     |
| iii.  | WATER TANKS   |   |                            | <b>RUBICON,RAIL FAB</b>  |                     |                     |
| iv.   | PVC   |   |                            | <b>PREMIRE POLYFILM</b>  |                     |                     |
| v.    | FLOOR BOARD   |   |                            | <b>TAYAL</b>   |                     |                     |
| vi.   | UIC VESTIBULE   |   |                            | <b>KRP</b>   |                     |                     |
| vii.  | WINDOWS   |   |                            | <b>ABC,AGF, MECIDON</b>  |                     |                     |
| viii. | LAV. DOORS  |   |                            | <b>TWPL</b>  |                     |                     |
| ix)   | LP SHEET  |   |                            | <b>--</b>  |                     |                     |
| x)    | BIO- TOILET   |   |                            | <b>ORIENTAL</b>  |                     |                     |
| 10.   | 10.1  | Modification/ Trial (if any):                     |                            |  | <b>NIL</b>          |                     |
|       | 10.2  | Deviations (if any):                              |                            |  | <b>NIL</b>          |                     |



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|------|--|---|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|--|--|
| 11.  | Bogie Details:   | Shell No.                               | Railway         |                 | Type            |                   | Coach No.       |                 | Dispatch Date     |  |  |
|      |  | 6050                                    | WR              |                 | SCN             |                   | 16285           |                 | 10-06-2016        |  |  |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |   |                 |                 |                 |                   |                 |                 |                   |  |  |
| 11.2 | Wheel & Axle Details:                                  | PP Side                                 |                 |                 |                 | NPP Side          |                 |                 |                   |  |  |
|      | i. Bogie No.   | 160653                                  |                 |                 |                 | 160657            |                 |                 |                   |  |  |
|      | ii. Frame No.  | RBO-2088                                |                 |                 |                 | RBO-2086          |                 |                 |                   |  |  |
|      | iii. Axle No.  | 01495                                   |                 | W-3032          |                 | 01818             |                 | K-8277          |                   |  |  |
|      | iv. Wheel Diameter                                     | 917.00                                  | 917.00          | 917.00          | 917.00          | 916.00            | 916.00          | 916.00          | 916.00            |  |  |
|      | v. Wheel Disc No.                                      | 13734/<br>15478                         | 13261/<br>15365 | 12799/<br>15112 | 04207/<br>13078 | 10274/<br>14527   | 11032/<br>14822 | 13335/<br>15365 | 10307/14<br>527   |  |  |
|      | vi. R.B. Nos.  | X0328                                   | X0357           | W2777           | W2767           | W2660             | W2752           | W2641           | W2639             |  |  |
|      | vii. R.B. Make   | FAG                                     |                 | FAG             |                 | FAG               |                 | FAG             |                   |  |  |
|      | viii. R.B. Type  | Direct Mounted Spherical Roller Bearing |                 |                 |                 |                   |                 |                 |                   |  |  |
| 11.3 | <u>Items Traceability:</u>                             |   |                 |                 | PP SIDE         |                   |                 | NPP SIDE        |                   |  |  |
|      | i.   | BRAKE CYLINDER Make & NO.               |                 |                 |                 | AJT-2561,2751     |                 |                 | AJT-2621,2714     |  |  |
|      | ii.  | SECONDARY Shock Absorber Make &NO.      |                 |                 |                 | ESCORTS-1046,0902 |                 |                 | ESCORTS-1073,1255 |  |  |
| 11.4 | i.   | Modification/ Trail (if any):           |                 |                 |                 | NIL               |                 |                 |                   |  |  |
|      | ii.  | Deviations (if any):                    |                 |                 |                 | NIL               |                 |                 |                   |  |  |

WGSCN 6050



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|       |   |                                       |                |  |                     |                     |
|-------|---|---------------------------------------|----------------|--|---------------------|---------------------|
| 1.    | SHELL No:   | <b>6049</b>                           | DISPATCH DATE: |  |                     | <b>15.07.2016</b>   |
| 2.    | RAILWAY   | <b>WR</b>                             | Type:          | <b>WGSCN</b>   | Coach No.:          | <b>16284</b>        |
| 3.    | Booked to   | <b>SSE/C&amp;W/ MUMBAI</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>1104/1103</b>    |                     |
| viii) | Buffer/CBC (Make )                                    |                                       |                | <b>HEPL</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>VINGYOR</b>   | <b>85/86</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>SAVITRY</b>   |                     |                     |
| iii.  | WATER TANKS   |                                       |                | <b>RUBICON,RAIL FAB</b>  |                     |                     |
| iv.   | PVC   |                                       |                | <b>PREMIER POLYFILM</b>  |                     |                     |
| v.    | FLOOR BOARD   |                                       |                | <b>TAYAL</b>   |                     |                     |
| vi.   | UIC VESTIBULE   |                                       |                | <b>FRINKMART</b>   |                     |                     |
| vii.  | WINDOWS   |                                       |                | <b>,AGF,ABC</b>  |                     |                     |
| viii. | LAV. DOORS  |                                       |                | <b>TWPL</b>  |                     |                     |
| ix)   | LP SHEET  |                                       |                | <b>--</b>  |                     |                     |
| x)    | BIO- TOILET   |                                       |                | <b>ORIENTAL</b>  |                     |                     |
| 10.   | 10.1  | Modification/ Trial (if any):         |                |  | <b>NIL</b>          |                     |
|       | 10.2  | Deviations (if any):                  |                |  | <b>NIL</b>          |                     |



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|------|--|---|-----------|-----------|-------------------|---------------|-----------|-------------------|-----------|
| 11.  | Bogie Details:   | Shell No.                               | Railway   | Type      | Coach No.         | Dispatch Date |           |                   |           |
|      |  | 6049                                    | WR        | SCN       | 16284             | 06-06-2016    |           |                   |           |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |   |           |           |                   |               |           |                   |           |
| 11.2 | Wheel & Axle Details:                                  | PP Side                                 |           |           |                   | NPP Side      |           |                   |           |
|      | i. Bogie No.   | 160617                                  |           |           |                   | 160615        |           |                   |           |
|      | ii. Frame No.  | RBO-2065                                |           |           |                   | ASR-306       |           |                   |           |
|      | iii. Axle No.  | K-4266                                  |           | K-8748    |                   | 01499         |           | Y-6692            |           |
|      | iv. Wheel Diameter                                     | 917.00                                  | 917.00    | 917.00    | 917.00            | 918.00        | 918.00    | 917.00            | 917.00    |
|      | v. Wheel Disc No.                                      | 18230/206                               | 18295/251 | 18358/210 | 18119/395         | 16667/220     | 18308/234 | 16650/322         | 13927/246 |
|      | vi. R.B. Nos.  | X0355                                   | X0093     | X0434     | X0458             | W2665         | W2687     | X0459             | X0450     |
|      | vii. R.B. Make   | FAG                                     |           | FAG       |                   | FAG           |           | FAG               |           |
|      | viii. R.B. Type  | Direct Mounted Spherical Roller Bearing |           |           |                   |               |           |                   |           |
| 11.3 | <u>Items Traceability:</u>                             |   |           |           | PP SIDE           |               | NPP SIDE  |                   |           |
|      | i.   | BRAKE CYLINDER Make & NO.               |           |           | AJT-2584,2686     |               |           | AJT-2730,2736     |           |
|      | ii.  | SECONDARY Shock Absorber Make &NO.      |           |           | IAI-147562,147690 |               |           | IAI-147709,144717 |           |
| 11.4 | i.   | Modification/ Trail (if any):           |           |           | NIL               |               |           |                   |           |
|      | ii.  | Deviations (if any):                    |           |           | NIL               |               |           |                   |           |

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|       |   |                                       |                |  |                     |                     |
|-------|---|---------------------------------------|----------------|--|---------------------|---------------------|
| 1.    | SHELL No:   | <b>6051</b>                           | DISPATCH DATE: |  |                     | <b>16.07.2016</b>   |
| 2.    | RAILWAY   | <b>WR</b>                             | Type:          | <b>WGSCN</b>   | Coach No.:          | <b>16286</b>        |
| 3.    | Booked to   | <b>SSE/C&amp;W/ MUMBAI</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>1096/1100</b>   | <b>1104/1104</b>    |                     |
| viii) | Buffer/CBC (Make )                                    |                                       |                | <b>HEPL</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>VINGYOR</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>SAVITRY</b>   |                     |                     |
| iii.  | WATER TANKS   |                                       |                | <b>RUBICON,RAIL FAB</b>  |                     |                     |
| iv.   | PVC   |                                       |                | <b>RESPONSIVE</b>  |                     |                     |
| v.    | FLOOR BOARD   |                                       |                | <b>TAYAL</b>   |                     |                     |
| vi.   | UIC VESTIBULE   |                                       |                | <b>FRINKMART</b>   |                     |                     |
| vii.  | WINDOWS   |                                       |                | <b>M,AGF,ABC</b>   |                     |                     |
| viii. | LAV. DOORS  |                                       |                | <b>TWPL</b>  |                     |                     |
| ix)   | LP SHEET  |                                       |                | <b>--</b>  |                     |                     |
| x)    | BIO- TOILET   |                                       |                | <b>OMAX</b>  |                     |                     |
| 10.   | 10.1  | Modification/ Trial (if any):         |                |  | <b>NIL</b>          |                     |
|       | 10.2  | Deviations (if any):                  |                |  | <b>NIL</b>          |                     |



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| 11.  | <b>Bogie Details:</b>   | <b>Shell No.</b>                              | <b>Railway</b>                          | <b>Type</b>     | <b>Coach No.</b> | <b>Dispatch Date</b> |                 |                 |                   |                 |  |
|      |   | 6051  | WR                                      | SCN             | 16286            | 07-06-2016           |                 |                 |                   |                 |  |
| 11.1 | <b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b> |   |   |                 |                  |                      |                 |                 |                   |                 |  |
| 11.2 | <b>Wheel &amp; Axle Details:</b>                              | <b>PP Side</b>                                |   |                 |                  | <b>NPP Side</b>      |                 |                 |                   |                 |  |
|      | i.  | <b>Bogie No.</b>                              | 160627                                  |                 |                  |                      | 160628          |                 |                   |                 |  |
|      | ii.   | <b>Frame No.</b>                              | ASR-262                                 |                 |                  |                      | ASR-334         |                 |                   |                 |  |
|      | iii.  | <b>Axle No.</b>                               | 1512                                    | K-5788          |                  | Y-7985               |                 | Y6467           |                   |                 |  |
|      | iv.   | <b>Wheel Diameter</b>                         | 917.00                                  | 917.00          | 917.00           | 917.00               | 917.00          | 917.00          | 917.00            |                 |  |
|      | v.  | <b>Wheel Disc No.</b>                         | 10481/<br>14549                         | 04268/<br>13078 | 10771/<br>14680  | 12772/<br>15112      | 12821/<br>15112 | 13548/<br>15411 | 12832/<br>15112   | 13738/15<br>478 |  |
|      | vi.   | <b>R.B. Nos.</b>                              | X0454                                   | X0462           | X0741            | X0756                | X0082           | X0053           | X0345             | X0070           |  |
|      | vii.  | <b>R.B. Make</b>                              | FAG                                     |                 | FAG              |                      | FAG             |                 | FAG               |                 |  |
|      | viii  | <b>R.B. Type</b>                              | Direct Mounted Spherical Roller Bearing |                 |                  |                      |                 |                 |                   |                 |  |
| 11.3 | <b>Items Traceability:</b>                                    |   |   |                 | <b>PP SIDE</b>   |                      |                 | <b>NPP SIDE</b> |                   |                 |  |
|      | i.  | <b>BRAKE CYLINDER Make &amp; NO.</b>          |   |                 |                  | AJT-2661,2579        |                 |                 | AJT-2705,.2668    |                 |  |
|      | ii.   | <b>SECONDARY Shock Absorber Make &amp;NO.</b> |   |                 |                  | IAI-147411,144729    |                 |                 | IAI-144726,144660 |                 |  |
| 11.4 | i.  | <b>Modification/ Trail (if any):</b>          |   |                 |                  | NIL                  |                 |                 |                   |                 |  |
|      | ii.   | <b>Deviations (if any):</b>                   |   |                 |                  | NIL                  |                 |                 |                   |                 |  |

WGSCN 6051



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|       |   |   |                            |  |                     |                     |
|-------|---|---|----------------------------|--|---------------------|---------------------|
| 1.    | SHELL No:   | <b>6052</b>                                       | DISPATCH DATE:             |  |                     | <b>18.07.2016</b>   |
| 2.    | RAILWAY   | <b>WR</b>   | Type:                      | <b>WGSCN</b>   | Coach No.:          | <b>16287</b>        |
| 3.    | Booked to   | <b>SSE/C&amp;W/ MUMBAI</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>HEPL</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/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>VINGYOR</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>SAVITRY</b>   |                     |                     |
| iii.  | WATER TANKS   |   |                            | <b>RUBICON,RAIL FAB</b>  |                     |                     |
| iv.   | PVC   |   |                            | <b>PREMIER POLYFILM</b>  |                     |                     |
| v.    | FLOOR BOARD   |   |                            | <b>TAYAL</b>   |                     |                     |
| vi    | UIC VESTIBULE   |   |                            | <b>FRINKMART</b>   |                     |                     |
| vii   | WINDOWS   |   |                            | <b>AGF,ABC</b>   |                     |                     |
| viii  | LAV. DOORS  |   |                            | <b>TWPL</b>  |                     |                     |
| ix)   | LP SHEET  |   |                            | <b>--</b>  |                     |                     |
| x)    | BIO- TOILET   |   |                            | <b>ORIENTAL</b>  |                     |                     |
| 10.   | 10.1  | Modification/ Trial (if any):                     |                            | <b>NIL</b>   |                     |                     |
|       | 10.2  | Deviations (if any):                              |                            | <b>NIL</b>   |                     |                     |



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

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|      |  |   |                 |                 |                 |                 |                 |                   |                 |  |
|------|--|---|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|--|
| 11.  | Bogie Details:   | Shell No.                               | Railway         | Type            | Coach No.       | Dispatch Date   |                 |                   |                 |  |
|      |  | 6052                                    | WR              | SCN             | 16287           | 07-06-2016      |                 |                   |                 |  |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |   |                 |                 |                 |                 |                 |                   |                 |  |
| 11.2 | Wheel & Axle Details:                                  | PP Side                                 |                 |                 |                 | NPP Side        |                 |                   |                 |  |
|      | i. Bogie No.   | 160630                                  |                 |                 |                 | 160629          |                 |                   |                 |  |
|      | ii. Frame No.  | ASR-325                                 |                 |                 |                 | ASR-343         |                 |                   |                 |  |
|      | iii. Axle No.  | L-0208                                  |                 | K-0805          |                 | K-8336          |                 | K-6924            |                 |  |
|      | iv. Wheel Diameter                                     | 917.00                                  | 917.00          | 916.00          | 916.00          | 917.00          | 917.00          | 916.00            | 916.00          |  |
|      | v. Wheel Disc No.                                      | 13522/<br>15411                         | 13546/<br>15411 | 13793/<br>15478 | 10274/<br>14527 | 13792/<br>15478 | 04277/<br>13078 | 11040/<br>14822   | 10324/14<br>527 |  |
|      | vi. R.B. Nos.  | Z1249                                   | W2572           | X0456           | X0472           | X0745           | X0708           | X0384             | X0378           |  |
|      | vii. R.B. Make   | FAG                                     |                 | FAG             |                 | FAG             |                 | FAG               |                 |  |
|      | viii. R.B. Type  | Direct Mounted Spherical Roller Bearing |                 |                 |                 |                 |                 |                   |                 |  |
| 11.3 | <u>Items Traceability:</u>                             |   |                 |                 | PP SIDE         |                 | NPP SIDE        |                   |                 |  |
|      | i.   | BRAKE CYLINDER Make & NO.               |                 |                 |                 | AJT-2598,2560   |                 | AJT-2662,2634     |                 |  |
|      | ii.  | SECONDARY Shock Absorber Make &NO.      |                 |                 |                 | IAI-06542,06500 |                 | IAI-144497,144671 |                 |  |
| 11.4 | i.   | Modification/ Trail (if any):           |                 |                 |                 | NIL             |                 |                   |                 |  |
|      | ii.  | Deviations (if any):                    |                 |                 |                 | NIL             |                 |                   |                 |  |

WGSCN 6052



