



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

|       |                                                       |                                       |                                                                      |                     |            |                        |            |
|-------|-------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------|---------------------|------------|------------------------|------------|
| 1.    | SHELL No:                                             | <b>6056</b>                           | DISPATCH DATE:                                                       |                     |            | <b>23.09.16</b>        |            |
| 2.    | RAILWAY                                               | <b>SER</b>                            | Type:                                                                | <b>WGACCN</b>       | Coach No.: | <b>168122</b>          |            |
| 3.    | Booked to                                             | <b>SSE/C&amp;W/HTE</b>                |                                                                      |                     |            |                        |            |
| 4.    | Tare Weight of Coach :                                | <b>52.53 T</b>                        |                                                                      |                     |            |                        |            |
| 5.    | Carrying Capacity :                                   | Seating:                              | 64                                                                   | Sleeping:           | 64         | Luggage:               | <b>NIL</b> |
| 6.    | Shell Details: (SG-90004 alt 'b')                     |                                       |                                                                      |                     |            |                        |            |
| 6.1   | Leading Dimensions;                                   |                                       |                                                                      |                     |            |                        |            |
| i)    | Maximum height above rail to top of Roof ventilator   |                                       |                                                                      |                     |            |                        |            |
| ii)   | Maximum length over Body                              |                                       |                                                                      |                     |            |                        |            |
| iii)  | Maximum length over Buffer                            |                                       |                                                                      |                     |            |                        |            |
| iv)   | Maximum width over Body                               |                                       |                                                                      |                     |            |                        |            |
| v)    | Maximum width over Flasher light                      |                                       |                                                                      |                     |            |                        |            |
| vi)   | Minimum height above rail level to the lowest fitting |                                       |                                                                      |                     |            |                        |            |
| vii)  | Buffer/CBC Height                                     | Specified : 1104 +0 /-10 mm           | <b>1104/1104</b>                                                     | <b>1104/1104</b>    |            |                        |            |
| viii) | Buffer/CBC (Make )                                    | <b>ATUL</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                                                 |                                       | <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>ESCORT</b>          |            |
| ii.   | SEAT & BERTH                                          |                                       |                                                                      |                     |            | <b>SAVITRY</b>         |            |
| iii.  | WATER TANKS                                           |                                       |                                                                      |                     |            | <b>SHIVALIK,KUTEER</b> |            |
| iv.   | PVC                                                   |                                       |                                                                      |                     |            | <b>RESPONSIVE</b>      |            |
| v.    | FLOOR BOARD                                           |                                       |                                                                      |                     |            | <b>NARBADA</b>         |            |
| vi.   | UIC VESTIBULE                                         |                                       |                                                                      |                     |            | <b>CEMCON</b>          |            |
| vii.  | LAV. DOORS                                            |                                       |                                                                      |                     |            | <b>GANDI</b>           |            |
| viii. | LP SHEET                                              |                                       |                                                                      |                     |            | <b>PL</b>              |            |
| ix)   | BIO- TOILET                                           |                                       |                                                                      |                     |            | <b>ORIENTAL</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     |  |  |
|      |                                                        | 6056                                    | SER       |           | WGACCN    |                   | 168122    |           | 05-09-2016        |  |  |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |                                         |           |           |           |                   |           |           |                   |  |  |
| 11.2 | Wheel & Axle Details:                                  | PP Side                                 |           |           |           | NPP Side          |           |           |                   |  |  |
|      | i. Bogie No.                                           | 163201                                  |           |           |           | 163198            |           |           |                   |  |  |
|      | ii. Frame No.                                          | UBLS-5269                               |           |           |           | UBLS-5270         |           |           |                   |  |  |
|      | iii. Axle No.                                          | 3037                                    |           | A-5963    |           | 3135              |           | 3038      |                   |  |  |
|      | iv. Wheel Diameter                                     | 918.00                                  | 918.00    | 918.00    | 918.00    | 918.00            | 918.00    | 917.50    | 917.00            |  |  |
|      | v. Wheel Disc No.                                      | 19775/244                               | 19772/218 | 18202/230 | 18345/272 | 18375/386         | 18371/325 | 19561/268 | 18313/392         |  |  |
|      | vi. R.B. Nos.                                          | V2116                                   | V2105     | V1409     | V1406     | V2109             | V2093     | V2057     | V1361             |  |  |
|      | 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.               |           |           |           | PEW-1582,1576     |           |           | PEW-1456,1810     |  |  |
|      | ii.                                                    | SECONDARY Shock Absorber Make &NO.      |           |           |           | GABRIEL-6470,6431 |           |           | ESCORTS-6146,5836 |  |  |
| 11.4 | i.                                                     | Modification/ Trail (if any):           |           |           |           | NIL               |           |           |                   |  |  |
|      | ii.                                                    | Deviations (if any):                    |           |           |           | NIL               |           |           |                   |  |  |

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|-------|-------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------|---------------------|------------|-------------------|------------|
| 1.    | SHELL No:                                             | <b>6055</b>                           | DISPATCH DATE:                                                       |                     |            | <b>23.09.16</b>   |            |
| 2.    | RAILWAY                                               | <b>SER</b>                            | Type:                                                                | <b>WGACCN</b>       | Coach No.: | <b>168124</b>     |            |
| 3.    | Booked to                                             | <b>SSE/C&amp;W/HTE</b>                |                                                                      |                     |            |                   |            |
| 4.    | Tare Weight of Coach :                                | <b>52.53 T</b>                        |                                                                      |                     |            |                   |            |
| 5.    | Carrying Capacity :                                   | Seating:                              | <b>64</b>                                                            | Sleeping:           | <b>64</b>  | Luggage:          | <b>NIL</b> |
| 6.    | Shell Details: (SG-90004 alt 'b')                     |                                       |                                                                      |                     |            |                   |            |
| 6.1   | Leading Dimensions;                                   |                                       |                                                                      |                     |            |                   |            |
| i)    | Maximum height above rail to top of Roof ventilator   |                                       |                                                                      |                     |            |                   |            |
| ii)   | Maximum length over Body                              |                                       |                                                                      |                     |            |                   |            |
| iii)  | Maximum length over Buffer                            |                                       |                                                                      |                     |            |                   |            |
| iv)   | Maximum width over Body                               |                                       |                                                                      |                     |            |                   |            |
| v)    | Maximum width over Flasher light                      |                                       |                                                                      |                     |            |                   |            |
| vi)   | Minimum height above rail level to the lowest fitting |                                       |                                                                      |                     |            |                   |            |
| vii)  | Buffer/CBC Height                                     | Specified : 1104 +0 /-10 mm           | <b>1104/1102</b>                                                     | <b>1104/1104</b>    |            |                   |            |
| viii) | Buffer/CBC (Make )                                    | <b>ATUL</b>                           |                                                                      |                     |            |                   |            |
| ix)   | Draw Gear (Make)                                      | <b>EMSON</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                                                 |                                       | <b>VIB</b>                                                           | <b>85/85</b>        |            |                   |            |
| 8.2   | APPLICATION OF PCN-123                                |                                       |                                                                      |                     |            |                   |            |
| 8.3   | INSUALTION                                            |                                       |                                                                      |                     |            |                   |            |
| 9.    | Traceability of Furnishing Items:                     |                                       |                                                                      |                     |            | Make              |            |
| i.    | BRAKE EQUIPMENT                                       |                                       |                                                                      |                     |            | <b>ESCORT</b>     |            |
| ii.   | SEAT & BERTH                                          |                                       |                                                                      |                     |            | <b>SAVITRY</b>    |            |
| iii.  | WATER TANKS                                           |                                       |                                                                      |                     |            | <b>KUTEER</b>     |            |
| iv.   | PVC                                                   |                                       |                                                                      |                     |            | <b>RESPONSIVE</b> |            |
| v.    | FLOOR BOARD                                           |                                       |                                                                      |                     |            | <b>TWPL</b>       |            |
| vi.   | UIC VESTIBULE                                         |                                       |                                                                      |                     |            | <b>CEMCON</b>     |            |
| vii.  | LAV. DOORS                                            |                                       |                                                                      |                     |            | <b>GANDI</b>      |            |
| viii. | LP SHEET                                              |                                       |                                                                      |                     |            | <b>PL</b>         |            |
| ix)   | BIO- TOILET                                           |                                       |                                                                      |                     |            | <b>RAIL TECH</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 |                    |           |           |
|      |                                                        | 6055                               | SER                                     |           | WGACCN    | 168122             | 13-09-2016    |                    |           |           |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |                                    |                                         |           |           |                    |               |                    |           |           |
| 11.2 | Wheel & Axle Details:                                  | PP Side                            |                                         |           |           | NPP Side           |               |                    |           |           |
|      | i.                                                     | Bogie No.                          | 163195                                  |           |           |                    | 163196        |                    |           |           |
|      | ii.                                                    | Frame No.                          | UBLS-5268                               |           |           |                    | UBLS-5262     |                    |           |           |
|      | iii.                                                   | Axle No.                           | RWF-81484                               |           | P-3086    |                    | 3076          |                    | 3195      |           |
|      | iv.                                                    | Wheel Diameter                     | 917.00                                  | 917.00    | 917.50    | 917.00             | 918.00        | 918.00             | 918.00    | 918.00    |
|      | v.                                                     | Wheel Disc No.                     | 19784/241                               | 19825/392 | 19780/299 | 19760/311          | 19759/353     | 20148/389          | 19824/327 | 20098/226 |
|      | vi.                                                    | R.B. Nos.                          | U2401                                   | U2422     | U2424     | U2433              | V2098         | V2073              | U2410     | U2442     |
|      | 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.          |                                         |           |           | PEW-E13039,E12902  |               | PEW-E13093,E13032  |           |           |
|      | ii.                                                    | SECONDARY Shock Absorber Make &NO. |                                         |           |           | GABRIEL -6849,6829 |               | GABRIEL -6487,6485 |           |           |
| 11.4 | i.                                                     | Modification/ Trail (if any):      |                                         |           |           | NIL                |               |                    |           |           |
|      | ii.                                                    | Deviations (if any):               |                                         |           |           | NIL                |               |                    |           |           |

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|       |                                                       |                                       |                                                                      |                         |            |                 |            |
|-------|-------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------|-------------------------|------------|-----------------|------------|
| 1.    | SHELL No:                                             | <b>6060</b>                           | DISPATCH DATE:                                                       |                         |            | <b>23.09.16</b> |            |
| 2.    | RAILWAY                                               | <b>SER</b>                            | Type:                                                                | <b>WGACCN</b>           | Coach No.: | <b>168123</b>   |            |
| 3.    | Booked to                                             | <b>SSE/C&amp;W/HTE</b>                |                                                                      |                         |            |                 |            |
| 4.    | Tare Weight of Coach :                                | <b>52.53 T</b>                        |                                                                      |                         |            |                 |            |
| 5.    | Carrying Capacity :                                   | Seating:                              | <b>64</b>                                                            | Sleeping:               | <b>64</b>  | Luggage:        | <b>NIL</b> |
| 6.    | Shell Details: (SG-90004 alt 'b')                     |                                       |                                                                      |                         |            |                 |            |
| 6.1   | Leading Dimensions;                                   |                                       |                                                                      |                         |            |                 |            |
| i)    | Maximum height above rail to top of Roof ventilator   |                                       |                                                                      |                         |            |                 |            |
| ii)   | Maximum length over Body                              |                                       |                                                                      |                         |            |                 |            |
| iii)  | Maximum length over Buffer                            |                                       |                                                                      |                         |            |                 |            |
| iv)   | Maximum width over Body                               |                                       |                                                                      |                         |            |                 |            |
| v)    | Maximum width over Flasher light                      |                                       |                                                                      |                         |            |                 |            |
| vi)   | Minimum height above rail level to the lowest fitting |                                       |                                                                      |                         |            |                 |            |
| vii)  | Buffer/CBC Height                                     | Specified : 1104 +0 /-10 mm           | <b>1102/1104</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/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                                                 |                                       | <b>VIB</b>                                                           | <b>85/85</b>            |            |                 |            |
| 8.2   | APPLICATION OF PCN-123                                |                                       |                                                                      |                         |            |                 |            |
| 8.3   | INSUALTION                                            |                                       |                                                                      |                         |            |                 |            |
| 9.    | Traceability of Furnishing Items:                     |                                       |                                                                      | Make                    |            |                 |            |
| i.    | BRAKE EQUIPMENT                                       |                                       |                                                                      | <b>ESCORT</b>           |            |                 |            |
| ii.   | SEAT & BERTH                                          |                                       |                                                                      | <b>SAVITRY</b>          |            |                 |            |
| iii.  | WATER TANKS                                           |                                       |                                                                      | <b>KUTEER,RAIL TECH</b> |            |                 |            |
| iv.   | PVC                                                   |                                       |                                                                      | <b>RESPONSIVE</b>       |            |                 |            |
| v.    | FLOOR BOARD                                           |                                       |                                                                      | <b>NARBADA</b>          |            |                 |            |
| vi.   | UIC VESTIBULE                                         |                                       |                                                                      | <b>CEMCON</b>           |            |                 |            |
| vii.  | LAV. DOORS                                            |                                       |                                                                      | <b>GANDI</b>            |            |                 |            |
| viii. | LP SHEET                                              |                                       |                                                                      | <b>PL</b>               |            |                 |            |
| ix)   | BIO- TOILET                                           |                                       |                                                                      | <b>RAIL TECH</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 |  |
|      |                                                        | 6060                               |                                         | SER           |               | WGACCN            |               | 168123        |                   | 03-09-2016    |  |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |                                    |                                         |               |               |                   |               |               |                   |               |  |
| 11.2 | Wheel & Axle Details:                                  |                                    | PP Side                                 |               |               |                   | NPP Side      |               |                   |               |  |
|      | i.                                                     | Bogie No.                          | 163163                                  |               |               |                   | 163193        |               |                   |               |  |
|      | ii.                                                    | Frame No.                          | UBLS-5215                               |               |               |                   | UBLS-5251     |               |                   |               |  |
|      | iii.                                                   | Axle No.                           | RWF-90947                               |               | 2682          |                   | RWF-105319    |               | A-3675            |               |  |
|      | iv.                                                    | Wheel Diameter                     | 917.00                                  | 917.00        | 917.00        | 917.00            | 918.00        | 918.00        | 918.00            | 918.00        |  |
|      | v.                                                     | Wheel Disc No.                     | 19774/<br>253                           | 18372/<br>370 | 18312/<br>203 | 19669/<br>231     | 19835/<br>248 | 15110/<br>263 | 15116/<br>295     | 19722/24<br>3 |  |
|      | vi.                                                    | R.B. Nos.                          | V1918                                   | V1888         | C-0714        | C-0975            | V1410         | U2449         | V1074             | V1286         |  |
|      | vii.                                                   | R.B. Make                          | FAG                                     |               | NBC           |                   | 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.          |                                         |               |               | PEW-1613,1547     |               |               | PEW-E12974,E12995 |               |  |
|      | ii.                                                    | SECONDARY Shock Absorber Make &NO. |                                         |               |               | ESCORTS-5938,5995 |               |               | ESCORTS-6216,5704 |               |  |
| 11.4 | i.                                                     | Modification/ Trail (if any):      |                                         |               |               | NIL               |               |               |                   |               |  |
|      | ii.                                                    | Deviations (if any):               |                                         |               |               | NIL               |               |               |                   |               |  |

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|       |                                                       |                                       |                                                                      |                     |            |              |
|-------|-------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------|---------------------|------------|--------------|
| 1.    | SHELL No:                                             | 6059                                  | DISPATCH DATE:                                                       |                     |            | 23.09.16     |
| 2.    | RAILWAY                                               | SER                                   | Type:                                                                | WGACCN              | Coach No.: | 168125       |
| 3.    | Booked to                                             | SSE/C&W/HTE                           |                                                                      |                     |            |              |
| 4.    | Tare Weight of Coach :                                | 52.53 T                               |                                                                      |                     |            |              |
| 5.    | Carrying Capacity :                                   | Seating:                              | 64                                                                   | Sleeping:           | 64         | Luggage: NIL |
| 6.    | Shell Details: (SG-90004 alt 'b')                     |                                       |                                                                      |                     |            |              |
| 6.1   | Leading Dimensions;                                   |                                       |                                                                      |                     |            |              |
| i)    | Maximum height above rail to top of Roof ventilator   |                                       |                                                                      |                     |            |              |
| ii)   | Maximum length over Body                              |                                       |                                                                      |                     |            |              |
| iii)  | Maximum length over Buffer                            |                                       |                                                                      |                     |            |              |
| iv)   | Maximum width over Body                               |                                       |                                                                      |                     |            |              |
| v)    | Maximum width over Flasher light                      |                                       |                                                                      |                     |            |              |
| vi)   | Minimum height above rail level to the lowest fitting |                                       |                                                                      |                     |            |              |
| vii)  | Buffer/CBC Height                                     | Specified : 1104 +0 /-10 mm           | 1104/1104                                                            | 1104/1104           |            |              |
| viii) | Buffer/CBC (Make )                                    | HEPL                                  |                                                                      |                     |            |              |
| ix)   | Draw Gear (Make)                                      | RK                                    |                                                                      |                     |            |              |
| 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                                                 |                                       | GS                                                                   | 85/85               |            |              |
| 8.2   | APPLICATION OF PCN-123                                |                                       |                                                                      |                     |            |              |
| 8.3   | INSUALTION                                            |                                       |                                                                      |                     |            |              |
| 9.    | Traceability of Furnishing Items:                     |                                       |                                                                      |                     |            |              |
| i.    | BRAKE EQUIPMENT                                       |                                       |                                                                      | Make<br>ESCORT      |            |              |
| ii.   | SEAT & BERTH                                          |                                       |                                                                      | SAVITRY             |            |              |
| iii.  | WATER TANKS                                           |                                       |                                                                      | KUTEER,SHIVALIK     |            |              |
| iv.   | PVC                                                   |                                       |                                                                      | RESPONSIVE          |            |              |
| v.    | FLOOR BOARD                                           |                                       |                                                                      | TWPL                |            |              |
| vi.   | UIC VESTIBULE                                         |                                       |                                                                      | CEMCON              |            |              |
| vii.  | LAV. DOORS                                            |                                       |                                                                      | GANDI               |            |              |
| viii. | LP SHEET                                              |                                       |                                                                      | PL                  |            |              |
| ix)   | BIO- TOILET                                           |                                       |                                                                      | ORIENTAL            |            |              |
| 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     |           |                   |           |  |
|      |                                                        | 6059                                    | SER       | WGACCN    | 168125    | 06-09-2016        |           |                   |           |  |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |                                         |           |           |           |                   |           |                   |           |  |
| 11.2 | Wheel & Axle Details:                                  | PP Side                                 |           |           |           | NPP Side          |           |                   |           |  |
|      | i. Bogie No.                                           | 163199                                  |           |           |           | 163200            |           |                   |           |  |
|      | ii. Frame No.                                          | UBLS-5264                               |           |           |           | UBLS-5259         |           |                   |           |  |
|      | iii. Axle No.                                          | K-9951                                  |           | N-7982    |           | M-7468            |           | P-3758            |           |  |
|      | iv. Wheel Diameter                                     | 917.00                                  | 917.00    | 918.00    | 918.00    | 917.00            | 917.00    | 918.00            | 918.00    |  |
|      | v. Wheel Disc No.                                      | 18287/383                               | 20056/285 | 12131/214 | 19784/231 | 18376/398         | 18378/334 | 18347/266         | 18365/267 |  |
|      | vi. R.B. Nos.                                          | U2416                                   | U2396     | V2063     | V2092     | U2397             | U2400     | V2095             | V2097     |  |
|      | 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.               |           |           |           | PEW-E13107,K1679  |           | PEW-E12957,E13113 |           |  |
|      | ii.                                                    | SECONDARY Shock Absorber Make &NO.      |           |           |           | GABRIEL-6651,6506 |           | GABRIEL-6473,6533 |           |  |
| 11.4 | i.                                                     | Modification/ Trail (if any):           |           |           |           | NIL               |           |                   |           |  |
|      | ii.                                                    | Deviations (if any):                    |           |           |           | NIL               |           |                   |           |  |

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

|       |                                                       |                                       |                                                                      |                         |            |                 |            |
|-------|-------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------|-------------------------|------------|-----------------|------------|
| 1.    | SHELL No:                                             | <b>6054</b>                           | DISPATCH DATE:                                                       |                         |            | <b>22.09.16</b> |            |
| 2.    | RAILWAY                                               | <b>SER</b>                            | Type:                                                                | <b>WGACCN</b>           | Coach No.: | <b>168121</b>   |            |
| 3.    | Booked to                                             | <b>SSE/C&amp;W/THE</b>                |                                                                      |                         |            |                 |            |
| 4.    | Tare Weight of Coach :                                | <b>52.53 T</b>                        |                                                                      |                         |            |                 |            |
| 5.    | Carrying Capacity :                                   | Seating:                              | <b>64</b>                                                            | Sleeping:               | <b>64</b>  | Luggage:        | <b>NIL</b> |
| 6.    | Shell Details: (SG-90004 alt 'b')                     |                                       |                                                                      |                         |            |                 |            |
| 6.1   | Leading Dimensions;                                   |                                       |                                                                      |                         |            |                 |            |
| i)    | Maximum height above rail to top of Roof ventilator   |                                       |                                                                      |                         |            |                 |            |
| ii)   | Maximum length over Body                              |                                       |                                                                      |                         |            |                 |            |
| iii)  | Maximum length over Buffer                            |                                       |                                                                      |                         |            |                 |            |
| iv)   | Maximum width over Body                               |                                       |                                                                      |                         |            |                 |            |
| v)    | Maximum width over Flasher light                      |                                       |                                                                      |                         |            |                 |            |
| vi)   | Minimum height above rail level to the lowest fitting |                                       |                                                                      |                         |            |                 |            |
| vii)  | Buffer/CBC Height                                     | Specified : 1104 +0 /-10 mm           | <b>1104/1104</b>                                                     | <b>1104/1104</b>        |            |                 |            |
| viii) | Buffer/CBC (Make )                                    | <b>ATUL</b>                           |                                                                      |                         |            |                 |            |
| ix)   | Draw Gear (Make)                                      | <b>EMSON</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                                                 |                                       | <b>VIBGYOR</b>                                                       | <b>85/85</b>            |            |                 |            |
| 8.2   | APPLICATION OF PCN-123                                |                                       |                                                                      |                         |            |                 |            |
| 8.3   | INSUALTION                                            |                                       |                                                                      |                         |            |                 |            |
| 9.    | Traceability of Furnishing Items:                     |                                       |                                                                      | Make                    |            |                 |            |
| i.    | BRAKE EQUIPMENT                                       |                                       |                                                                      | <b>ESCORT</b>           |            |                 |            |
| ii.   | SEAT & BERTH                                          |                                       |                                                                      | <b>SAVITRY</b>          |            |                 |            |
| iii.  | WATER TANKS                                           |                                       |                                                                      | <b>KUTEER,RAIL TECH</b> |            |                 |            |
| iv.   | PVC                                                   |                                       |                                                                      | <b>PREMIER POLYFILM</b> |            |                 |            |
| v.    | FLOOR BOARD                                           |                                       |                                                                      | <b>TAYAL</b>            |            |                 |            |
| vi.   | UIC VESTIBULE                                         |                                       |                                                                      | <b>CEMCON</b>           |            |                 |            |
| vii.  | LAV. DOORS                                            |                                       |                                                                      | <b>GANDI</b>            |            |                 |            |
| viii. | LP SHEET                                              |                                       |                                                                      | <b>PL</b>               |            |                 |            |
| ix)   | BIO- TOILET                                           |                                       |                                                                      | <b>ORIENTAL</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 |           |                   |           |  |
|      |                                                        | 6054                                    | SER       | WGACCN    | 168121            | 05-09-2016    |           |                   |           |  |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' |                                         |           |           |                   |               |           |                   |           |  |
| 11.2 | Wheel & Axle Details:                                  | PP Side                                 |           |           |                   | NPP Side      |           |                   |           |  |
|      | i. Bogie No.                                           | 163197                                  |           |           |                   | 163192        |           |                   |           |  |
|      | ii. Frame No.                                          | UBLS-5267                               |           |           |                   | UBLS-5255     |           |                   |           |  |
|      | iii. Axle No.                                          | 4855                                    |           | J-8817    |                   | J-2967        |           | P-2011            |           |  |
|      | iv. Wheel Diameter                                     | 918.00                                  | 918.00    | 918.00    | 918.00            | 918.00        | 918.00    | 918.00            | 918.00    |  |
|      | v. Wheel Disc No.                                      | 19836/324                               | 18369/220 | 19876/203 | 18345/320         | 19674/315     | 19777/393 | 18374/335         | 18350/327 |  |
|      | vi. R.B. Nos.                                          | V1494                                   | V1419     | V1281     | V1219             | V2027         | V2076     | V2107             | V2099     |  |
|      | 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.               |           |           | PEW-13050,1518    |               |           | PEW-1607,13041    |           |  |
|      | ii.                                                    | SECONDARY Shock Absorber Make &NO.      |           |           | GABRIEL-6654,6634 |               |           | ESCORTS-5744,5791 |           |  |
| 11.4 | i.                                                     | Modification/ Trail (if any):           |           |           | NIL               |               |           |                   |           |  |
|      | ii.                                                    | Deviations (if any):                    |           |           | NIL               |               |           |                   |           |  |

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