



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

| | | | | | | |
|-------|---|---------------------------------------|----------------|--|---------------------|---------------------|
| 1. | SHELL No: | 5095 | DISPATCH DATE: | | | 24.11.2015 |
| 2. | RAILWAY | NER | Type: | WGSCN | Coach No.: | 15208 |
| 3. | Booked to | SSE/C&W/GKP | | | | |
| 4. | Tare Weight of Coach : | 38.03 | | | | |
| 5. | Carrying Capacity : | Seating: | 72 | Sleeping: | 72 | Luggage: NIL |
| 6. | Shell Details: SE90017 | | | | | |
| 6.1 | Leading Dimensions; | | | | | |
| i) | Maximum height above rail to top of Roof ventilator | | | 4100 ± 5 (for NAC) 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 | | 1104/1103 | 1104/1104 | |
| viii) | Buffer/CBC (Make) | | | HEPL | | |
| ix) | Draw Gear (Make) | | | EMSON | | |
| 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) 3 to 5 Sec (for Non BMBC type) | | |
| | | Brake release time to reach .4 Kg/cm2 | | Less than 20 Sec (for BMBC type) 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 | | VIBGYOR | 85/86 | |
| 8.2 | APPLICATION OF PCN-123 | | | SATISFACTORY | | |
| 8.3 | INSUALTION | | | SATISFACTORY | | |
| 9. | Traceability of Furnishing Items: | | | Make | | |
| i. | BRAKE EQUIPMENT | | | ESCORT | | |
| ii. | SEAT & BERTH | | | SAVITRI | | |
| iii. | WATER TANKS | | | AMIT | | |
| iv. | PVC | | | RESPONSIVE | | |
| v. | FLOOR BOARD | | | TAYAL | | |
| vi | UIC VESTIBULE | | | CEMCON | | |
| vii | WINDOWS | | | AGF,ABC | | |
| viii | LAV. DOORS | | | GANDHI | | |
| ix) | LP SHEET | | | NK | | |
| x) | BIO- TOILET | | | AMIT | | |
| 10. | 10.1 | Modification/ Trial (if any): | | | NIL | |
| | 10.2 | Deviations (if any): | | | NIL | |



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|------|--|---|---------------|---------------|-------------------|---------------|-------------------|---------------|---------------|
| 11. | Bogie Details: | Shell No. | Railway | Type | Coach No. | Dispatch Date | | | |
| | | 5095 | NE | WGSCN | 15208 | 10-11-2015 | | | |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | |
| 11.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | |
| | i. Bogie No. | 151446 | | | | 151450 | | | |
| | ii. Frame No. | ASR-270 | | | | ASR-803 | | | |
| | iii. Axle No. | J-8808 | | L-0106 | | 05707 | | 05704 | |
| | iv. Wheel Diameter | 916.00 | 916.00 | 916.00 | 916.00 | 917.00 | 917.00 | 917.00 | 917.00 |
| | v. Wheel Disc No. | 13831/ 295 | 09144/ 208 | 13923/ 390 | 13807/ 297 | 08976/ 218 | 13905/ 305 | 06929/ 280 | 07319/24 7 |
| | vi. R.B. Nos. | F1253 | F1065 | F1255 | F1249 | F1062 | F1053 | F1276 | F1277 |
| | vii. R.B. Make | NBC | | NBC | | NBC | | NBC | |
| | viii. R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | |
| 11.3 | <u>Items Traceability:</u> | | | | PP SIDE | | NPP SIDE | | |
| | i. | BRAKE CYLINDER Make & NO. | | | PEW-F095,F235 | | PEW-F233,F087 | | |
| | ii. | SECONDARY Shock Absorber Make &NO. | | | ESCORTS-8709,8929 | | ESCORTS-8610,9051 | | |
| 11.4 | i. | Modification/ Trail (if any): | | | NIL | | | | |
| | ii. | Deviations (if any): | | | NIL | | | | |

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Form No. :

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Version: 05

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|-------|---|---|----------------------------|--|---------------------|---------------------|
| 1. | SHELL No: | 5096 | DISPATCH DATE: | | | 25.11.2015 |
| 2. | RAILWAY | NER | Type: | WGSCN | Coach No.: | 15210 |
| 3. | Booked to | SSE/C&W/GKP | | | | |
| 4. | Tare Weight of Coach : | 38.03 | | | | |
| 5. | Carrying Capacity : | Seating: | 72 | Sleeping: | 72 | Luggage: NIL |
| 6. | Shell Details: SE90017 | | | | | |
| 6.1 | Leading Dimensions: | | | | | |
| i) | Maximum height above rail to top of Roof ventilator | | | 4100 ± 5 (for NAC) 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 | | 1104/1104 | 1104/1104 | |
| viii) | Buffer/CBC (Make) | | | JLS | | |
| ix) | Draw Gear (Make) | | | EMSON | | |
| 7. | Air Brake Testing: | | | | | |
| | Description | | | Specified | | |
| 7.1 | Emergency Application | Time for 0 to 3.6 Kg/cm ² of BC | | Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type) | | |
| | | Brake release time to reach .4 Kg/cm ² | | Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type) | | |
| 7.2 | Insensitivity | BP dipped @ 0.30 Kg/cm ² n 60 sec | | No brake application | | |
| 7.3 | Sensitivity | BP dipped @ 0.60 Kg/cm ² 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 | VIBGYOR | 85/85 | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | |
| 9. | Traceability of Furnishing Items: | | | Make | | |
| i. | BRAKE EQUIPMENT | | | ESCORT | | |
| ii. | SEAT & BERTH | | | SAVITRI | | |
| iii. | WATER TANKS | | | AMIT | | |
| iv. | PVC | | | RESPONSIVE | | |
| v. | FLOOR BOARD | | | TAYAL | | |
| vi. | UIC VESTIBULE | | | CEMCON | | |
| vii. | WINDOWS | | | AGF,MECIDONE | | |
| viii. | LAV. DOORS | | | TWPL, ANKUR | | |
| ix) | LP SHEET | | | PL | | |
| x) | BIO- TOILET | | | AMIT | | |
| 10. | 10.1 | Modification/ Trial (if any): | | | NIL | |
| | 10.2 | Deviations (if any): | | | NIL | |



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| 11. | Bogie Details: | Shell No. | Railway | Type | Coach No. | Dispatch Date | | | | |
| | | 5096 | NER | WGSCN | 15210 | 27-11-2015 | | | | |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 11.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. Bogie No. | 151527 | | | | 151526 | | | | |
| | ii. Frame No. | ASR-839 | | | | UBLS-1683 | | | | |
| | iii. Axle No. | G-9856 | | 05261 | | J-8757 | | Y-6157 | | |
| | iv. Wheel Diameter | 917.00 | 917.00 | 916.00 | 916.00 | 916.00 | 916.00 | 916.00 | 916.00 | |
| | v. Wheel Disc No. | 16296/ 316 | 10302/ 220 | 08013/ 279 | 14186/ 276 | 13995/ 311 | 14007/ 230 | 13694/ 378 | 13922/29 5 | |
| | vi. R.B. Nos. | H1563 | H1555 | H1320 | H1348 | H1347 | H1324 | H1349 | H1328 | |
| | vii. R.B. Make | NBC | | NBC | | NBC | | NBC | | |
| | viii. R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | | |
| 11.3 | <u>Items Traceability:</u> | | | | PP SIDE | | NPP SIDE | | | |
| | i. | BRAKE CYLINDER Make & NO. | | | | PEW-11386,10049 | | PEW-10182,10111 | | |
| | ii. | SECONDARY Shock Absorber Make &NO. | | | | ESCORTS-8661,8545 | | ESCORTS-8754,8724 | | |
| 11.4 | i. | Modification/ Trail (if any): | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | NIL | | | | |

SCN-5096



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

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|-----|-----------------------------------|---|--|--|---------------------|--------------|------------|
| 1. | SHELL No: | 5093 | DISPATCH DATE: | | 02.12.2015 | | |
| 2. | RAILWAY | NER | Type: | WGSCN | Coach No.: | 15209 | |
| 3. | Booked to | SSE/C&W/GKP | | | | | |
| 4. | Tare Weight of Coach : | 38.03 | | | | | |
| 5. | Carrying Capacity : | Seating: | 72 | Sleeping: | 72 | Luggage: | NIL |
| 6. | Shell Details: SE90017 | | | | | | |
| | 6.1 | Leading Dimensions; | | | | | |
| | i) | Maximum height above rail to top of Roof ventilator | 4100 ± 5 (for NAC) 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 | 1104/1104 | 1104/1104 | | |
| | viii) | Buffer/CBC (Make) | ATUL, HEPL | | | | |
| | ix) | Draw Gear (Make) | EMSON | | | | |
| 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) 3 to 5 Sec (for Non BMBC type) | | | |
| | | | Brake release time to reach .4 Kg/cm2 | Less than 20 Sec (for BMBC type) 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 | VIBGYOR | 85/86 | | |
| | 8.2 | APPLICATION OF PCN-123 | SATISFACTORY | | | | |
| | 8.3 | INSUALTION | SATISFACTORY | | | | |
| 9. | Traceability of Furnishing Items: | | | | | | |
| | i. | BRAKE EQUIPMENT | Make ESCORT | | | | |
| | ii. | SEAT & BERTH | SAVITRI | | | | |
| | iii. | WATER TANKS | AMIT | | | | |
| | iv. | PVC | RESPONSIVE | | | | |
| | v. | FLOOR BOARD | TAYAL | | | | |
| | vi | UIC VESTIBULE | CEMCON | | | | |
| | vii | WINDOWS | AGF,ABC | | | | |
| | viii | LAV. DOORS | GANDHI | | | | |
| | ix) | LP SHEET | PL | | | | |
| | x) | BIO- TOILET | AMIT | | | | |
| 10. | 10.1 | Modification/ Trial (if any): | NIL | | | | |
| | 10.2 | Deviations (if any): | NIL | | | | |



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| 11. | Bogie Details: | Shell No. | Railway | Type | Coach No. | Dispatch Date | | | | |
| | | 5093 | NE | SCN | 15209 | 16-11-2015 | | | | |
| 11.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 11.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. Bogie No. | 151469 | | | | 151467 | | | | |
| | ii. Frame No. | ASR-819 | | | | ASR-795 | | | | |
| | iii. Axle No. | 6018 | | 6027 | | 05296 | | 05998 | | |
| | iv. Wheel Diameter | 916.00 | 916.00 | 917.00 | 917.00 | 916.00 | 916.00 | 916.00 | 916.00 | |
| | v. Wheel Disc No. | 15395/ 297 | 08069/ 250 | 12127/ 217 | 15362/ 249 | 13918/ 392 | 06969/ 272 | 05806/ 235 | 06985/ 299 | |
| | vi. R.B. Nos. | G1560 | G1583 | F1127 | F1224 | F1198 | F1211 | F1236 | F1203 | |
| | vii. R.B. Make | NBC | | NBC | | NBC | | NBC | | |
| | viii. R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | | |
| 11.3 | <u>Items Traceability:</u> | | | | PP SIDE | | NPP SIDE | | | |
| | i. | BRAKE CYLINDER Make & NO. | | | | PEW-043,061 | | PEW-024,218 | | |
| | ii. | SECONDARY Shock Absorber Make & NO. | | | | ESCORTS-9098,9091 | | ESCORTS-8598,8583 | | |
| 11.4 | i. | Modification/ Trail (if any): | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | NIL | | | | |

WGSCN-5093

