



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

| | | | | | | | |
|-----|-----------------------------------|---|--|--|---------------------|-------------------|------------|
| 1. | SHELL No: | 4008 | DISPATCH DATE: | | | 29.11.2014 | |
| 2. | RAILWAY | NWR | Type: | WGSCN | Coach No.: | 14238 | |
| 3. | Booked to | SSE/C&W/JP | | | | | |
| 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) | REPL | | | | |
| | 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: | | | | | | |
| | i. | BRAKE EQUIPMENT | Make SIL | | | | |
| | ii. | SEAT & BERTH | SUKATA | | | | |
| | iii. | WATER TANKS | RUBICONE | | | | |
| | iv. | PVC | RESPONSIVE | | | | |
| | v. | FLOOR BOARD | TAYAL | | | | |
| | vi. | WINDOWS | ABC, MECIDON | | | | |
| | vii. | LAV. DOORS | RCF | | | | |
| | viii. | LP SHEET | PUNJAB LAMINATE | | | | |
| | ix) | BIO- TOILET | M K PRECISION | | | | |
| 10. | 10.1 | Modification/ Trial (if any): | NIL | | | | |
| | 10.2 | Deviations (if any): | NIL | | | | |



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|------|--|--------------------------------------|---|---------------|---------------|---------------|-----------------|---------------|---------------|---------------|--|
| 12. | Bogie Details: | Shell No. | Railway | | Type | | Coach No. | | Dispatch Date | | |
| | | 4008 | NW | | SCN | | 14238 | | 22-11-2014 | | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | | NPP Side | | | | |
| | i. | Bogie No. | 141488 | | | | | 141484 | | | |
| | ii. | Frame No. | ASR-622 | | | | | ASR-550 | | | |
| | iii. | Axle No. | RWF-92044 | | 9969 | | S-1820 | | P-3255 | | |
| | iv. | Wheel Diameter | 917.00 | 917.00 | 917.00 | 917.00 | 917.00 | 917.00 | 916.50 | 916.50 | |
| | v. | Wheel Disc No. | 08083/ 224 | 06934/ 261 | 06363/ 275 | 08943/ 381 | 06931/ 205 | 06837/ 272 | 07201/ 285 | 07238/29 5 | |
| | vi. | R.B. Nos. | S-684 | R-228 | R-234 | S-708 | S-433 | S-688 | S-778 | S-781 | |
| | vii. | R.B. Make | FAG | | FAG | | FAG | | FAG | | |
| | viii. | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | | |
| 12.3 | Items Traceability: | | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | | AJT | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | | GABRIEL | | | | |
| 12.4 | 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: | 4005 | DISPATCH DATE: | | | 02.12.2014 |
| 2. | RAILWAY | NWR | Type: | WGSCN | Coach No.: | 14239 |
| 3. | Booked to | SSE/C&W/BSP | | | | |
| 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 | 85/86 | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | |
| 9. | Traceability of Furnishing Items: | | | Make | | |
| i. | BRAKE EQUIPMENT | | SIL | | | |
| ii. | SEAT & BERTH | | SUKATA | | | |
| iii. | WATER TANKS | | RUBICONE | | | |
| iv. | PVC | | RESPONSIVE | | | |
| v. | FLOOR BOARD | | ORIENTAL | | | |
| vi. | WINDOWS | | ABC, MECIDON | | | |
| vii. | LAV. DOORS | | AMIR CHAND | | | |
| viii. | LP SHEET | | PUNJAB LAMINATE | | | |
| ix) | BIO- TOILET | | DARSHAN` | | | |
| 10. | 10.1 | Modification/ Trial (if any): | | | NIL | |
| | 10.2 | Deviations (if any): | | | NIL | |



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|------|--|--------------------------------------|---|---------------|---------------|---------------|-----------------|---------------|---------------|---------------|--|--|
| 12. | Bogie Details: | Shell No. | Railway | | Type | | Coach No. | | Dispatch Date | | | |
| | | 4005 | NW | | SCN | | 14239 | | 25-11-2014 | | | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | | NPP Side | | | | | |
| | i. | Bogie No. | 141499 | | | | | 141481 | | | | |
| | ii. | Frame No. | ASR-672 | | | | | ASR-221 | | | | |
| | iii. | Axle No. | 9736 | | N-8064 | | 9729 | | RWF-91052 | | | |
| | iv. | Wheel Diameter | 917.00 | 917.00 | 917.00 | 917.00 | 917.00 | 917.00 | 917.00 | 917.00 | | |
| | v. | Wheel Disc No. | 07095/ 381 | 08082/ 213 | 06933/ 299 | 06936/ 235 | 06970/ 254 | 06967/ 260 | 06929/ 211 | 06936/22 4 | | |
| | vi. | R.B. Nos. | R-162 | U-1188 | U-1124 | U-1267 | U-1272 | R-220 | U-1228 | U-1200 | | |
| | vii. | R.B. Make | FAG | | FAG | | FAG | | FAG | | | |
| | viii. | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | | | |
| 12.3 | Items Traceability: | | | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | | PEW | | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | | GABRIEL | | | | | |
| 12.4 | i. | Modification/ Trail (if any): | | | | | NIL | | | | | |
| | ii. | Deviations (if any): | | | | | NIL | | | | | |

SCN-4005



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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

| | | | | | | |
|-------|---|---------------------------------------|----------------------------|--|---------------------|---------------------|
| 1. | SHELL No: | 4006 | DISPATCH DATE: | | | 02.12.2014 |
| 2. | RAILWAY | NWR | Type: | WGSCN | Coach No.: | 14237 |
| 3. | Booked to | SSE/C&W/JP | | | | |
| 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) | | | REPL | | |
| 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 | | | SIL | | |
| ii. | SEAT & BERTH | | | SUKATA | | |
| iii. | WATER TANKS | | | RUBICONE | | |
| iv. | PVC | | | RESPONSIVE | | |
| v. | FLOOR BOARD | | | TAYAL | | |
| vi. | WINDOWS | | | ABC, MECIDON | | |
| vii. | LAV. DOORS | | | RCF | | |
| viii. | LP SHEET | | | NA | | |
| ix) | BIO- TOILET | | | DARSHAN | | |
| 10. | 10.1 | Modification/ Trial (if any): | | | NIL | |
| | 10.2 | Deviations (if any): | | | NIL | |



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| | | | | | | | | | | |
|------|--|---------------------------------|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 12. | Bogie Details: | Shell No. | Railway | | Type | | Coach No. | | Dispatch Date | |
| | | 4006 | NW | | SCN | | 14237 | | 22-11-2014 | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. | Bogie No. | 141473 | | | | 141487 | | | |
| | ii. | Frame No. | ASR-618 | | | | ASR-658 | | | |
| | iii. | Axle No. | Z-7181 | | M-3829 | | P-3827 | | 0604 | |
| | iv. | Wheel Diameter | 917.00 | 917.00 | 916.00 | 916.00 | 916.50 | 916.50 | 917.00 | 917.00 |
| | v. | Wheel Disc No. | 08925/ 216 | 08978/ 386 | 08080/ 260 | 06822/ 247 | 08884/ 205 | 06939/ 257 | 06931/ 247 | 08880/22 6 |
| | vi. | R.B. Nos. | R-281 | R-230 | S-703 | S-786 | T-3108 | T-3102 | S-780 | S-680 |
| | vii. | R.B. Make | FAG | | FAG | | FAG | | FAG | |
| | viii. | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | |
| 12.3 | Items Traceability: | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | AJT | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | GABRIEL | | | | |
| 12.4 | i. | Modification/ Trail (if any): | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | NIL | | | | |