



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;
Version: 05

| | | | | | |
|-------|---|---------------------------------------|--|---------------------|-------------------------|
| 1. | SHELL No: | 4036 | DISPATCH DATE: | | 11.9.2014 |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: 14113 |
| 3. | Booked to | SSE/C&W/GKP | | | |
| 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 | | 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 mm (AE63143) | | |
| 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/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 | ADVANCE | 86/87 | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | |
| 8.3 | INSUALTION | | SATISFACTORY | | |
| 9. | Traceability of Furnishing Items: | | Make | | |
| i. | BRAKE EQUIPMENT | | ESCORTS | | |
| ii. | SEAT & BERTH | | SAVITRI | | |
| iii. | WATER TANKS | | AMIT,SHIVALIK | | |
| iv. | PVC | | RESPONSIVE | | |
| v. | FLOOR BOARD | | NARBADA | | |
| vi. | UIC VESTIBULE | | KRP | | |
| vii. | LAV. DOORS | | SAVITRI | | |
| viii. | LP SHEET | | NK | | |
| ix) | BIO- TOILET | | OMAX | | |
| 10 | 10.1 | Modification/ Trial (if any): | NIL | | |
| . | 10.2 | Deviations (if any): | NIL | | |



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Rail Coach Factory , Kapurthala

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|------|--|---------------------------------|---|-----------------|-----------------|---------------------|-----------------|-----------------|-----------------|-----------------|
| 12. | Bogie Details: | Shell No. | Railway | | Type | | Coach No. | | Dispatch Date | |
| | | 4036 | NER | | WGACCN | | 14113 | | 31-05-14 | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. | Bogie No. | 143192 | | | | 143240 | | | |
| | ii. | Frame No. | UBLS-982 | | | | UBLS-4236 | | | |
| | iii. | Axle No. | 5487 | | 6113 | | RWF-90858 | | 720 | |
| | iv. | Wheel Diameter | 913.00 | 913.00 | 911.00 | 911.50 | 911.00 | 911.00 | 912.00 | 911.50 |
| | v. | Wheel Disc No. | 02449/ 05559 | 02123/ 04556 | 65616/ 12194 | 66078/ 11956 | 18705/ 16567 | 19089/ 16671 | 63386/ 06533 | 62782/10 845 |
| | vi. | R.B. Nos. | X-2439 | X-2445 | X-1940 | X-1963 | Y-1130 | Y-1140 | X-1975 | X-1203 |
| | vii. | R.B. Make | FAG | | FAG | | FAG | | FAG | |
| | viii | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | |
| 12.3 | <u>Items Traceability:</u> | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | PEW | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | GABRIEL | | | | |
| 12.4 | i. | Modification/ Trail (if any): | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | LESS WHEEL DIA USED | | | | |



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

| | | | | | |
|-------|---|--|--|---------------------|------------------|
| 1. | SHELL No: | 4047 | DISPATCH DATE: | | 16.9.2014 |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: 14114 |
| 3. | Booked to | SSE/C&W/GKP | | | |
| 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 | 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 mm (AE63143) | | | |
| 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 | 86/87 | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | |
| 8.3 | INSUALTION | | SATISFACTORY | | |
| 9. | Traceability of Furnishing Items: | | Make | | |
| i. | BRAKE EQUIPMENT | | ESCORTS | | |
| ii. | SEAT & BERTH | | AAR KAY | | |
| iii. | WATER TANKS | | AMIT,KUTEER | | |
| iv. | PVC | | RESPONSIVE | | |
| v. | FLOOR BOARD | | TAYAL | | |
| vi. | UIC VESTIBULE | | KRP | | |
| vii. | LAV. DOORS | | KALSI | | |
| 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 | |
| | | 4047 | | NER | | WGACCN | | 14114 | | 30-07-2014 | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | | NPP Side | | | | |
| | i. | Bogie No. | 143280 | | | | | 143283 | | | |
| | ii. | Frame No. | UBLS-4349 | | | | | UBLS-4276 | | | |
| | iii. | Axle No. | RWF-110478 | | W-2259 | | Y-6672 | | U-8358 | | |
| | iv. | Wheel Diameter | 915.00 | 915.00 | 916.50 | 916.00 | 915.00 | 915.00 | 916.00 | 916.00 | |
| | v. | Wheel Disc No. | 06282/ 244 | 06339/ 249 | 06337/ 209 | 06304/ 243 | 05499/ 220 | 06972/ 239 | 05424/ 255 | 03776/23 3 | |
| | vi. | R.B. Nos. | E-2584 | E-2588 | E-2948 | E-2968 | E-2559 | E-2550 | E-2189 | E-2185 | |
| | vii. | R.B. Make | NBC | | NBC | | NBC | | NBC | | |
| | viii. | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | | |
| 12.3 | Items Traceability: | | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | | PEW,AJT | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | | GABRIEL | | | | |
| 12.4 | i. | Modification/ Trail (if any): | | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | | NIL | | | | |

WGACCN-4047



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

| | | | | | | |
|-------|---|---|--|--|---------------------|---------------------|
| 1. | SHELL No: | 4049 | DISPATCH DATE: | | | 17.9.2014 |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: | 14117 |
| 3. | Booked to | SSE/C&W/GKP | | | | |
| 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 | | 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 mm (AE63143) | | | |
| 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 | 86/87 | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | |
| 9. | Traceability of Furnishing Items: | | | Make | | |
| i. | BRAKE EQUIPMENT | | ESCORTS | | | |
| ii. | SEAT & BERTH | | SAVITRI | | | |
| iii. | WATER TANKS | | AMIT,SHIVALIK | | | |
| iv. | PVC | | RESPONSIVE | | | |
| v. | FLOOR BOARD | | NARBADA | | | |
| vi. | UIC VESTIBULE | | KRP | | | |
| vii. | LAV. DOORS | | SAVITRI | | | |
| viii. | LP SHEET | | PUNJAB LAMINATE | | | |
| ix) | BIO- TOILET | | OMAX | | | |
| 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 | | | | |
| | | 4049 | NER | WGACCN | 14117 | 28-07-2014 | | | | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. | Bogie No. | 143274 | | | | 143277 | | | |
| | ii. | Frame No. | UBLS-4280 | | | | UBLS-4354 | | | |
| | iii. | Axle No. | Y-6273 | | 1737 | | S-1831 | | 7247 | |
| | iv. | Wheel Diameter | 915.00 | 915.00 | 915.00 | 915.00 | 916.00 | 916.00 | 915.00 | 915.00 |
| | v. | Wheel Disc No. | 06296/ 282 | 06973/ 213 | 06484/ 288 | 02678/ 219 | 06838/ 253 | 06317/ 221 | 06945/ 237 | 06945/27 3 |
| | vi. | R.B. Nos. | E-2386 | E-2384 | E-2184 | E-2215 | E-2346 | E-2371 | E-2264 | E-2410 |
| | vii. | R.B. Make | NBC | | NBC | | NBC | | NBC | |
| | 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: | 4058 | DISPATCH DATE: | | 18.9.2014 | | |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: | 14116 | |
| 3. | Booked to | SSE/C&W/GKP | | | | | |
| 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 | | 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 mm (AE63143) | | | | |
| vii) | Buffer/CBC Height | Specified : 1104 +0 /-10 mm | 1100/1100 | | 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 | 86/87 | | | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | | |
| 9. | Traceability of Furnishing Items: | | | Make | | | |
| i. | BRAKE EQUIPMENT | | SIL | | | | |
| ii. | SEAT & BERTH | | SAVITRI | | | | |
| iii. | WATER TANKS | | AMIT,SHIVALIK | | | | |
| iv. | PVC | | RESPONSIVE | | | | |
| v. | FLOOR BOARD | | NARBADA | | | | |
| vi. | UIC VESTIBULE | | KRP | | | | |
| vii. | LAV. DOORS | | SAVITRI | | | | |
| viii. | LP SHEET | | PUNJAB LAMINATE | | | | |
| ix) | BIO- TOILET | | OMAX | | | | |
| 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 | |
| | | 4058 | NER | | WGACCN | | 14116 | | 23-08-2014 | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. | Bogie No. | 143315 | | | | 143326 | | | |
| | ii. | Frame No. | UBLS-1033 | | | | UBLS-1029 | | | |
| | iii. | Axle No. | W-2508 | | S-1701 | | 338 | | T-5220 | |
| | iv. | Wheel Diameter | 918.00 | 918.00 | 918.00 | 918.00 | 911.00 | 911.00 | 910.00 | 910.00 |
| | v. | Wheel Disc No. | 06848/386 | 06861/270 | 08081/385 | 06314/380 | 03754/369 | 03638/254 | 02454/209 | 00612/366 |
| | vi. | R.B. Nos. | E2739 | E2742 | U1194 | U1195 | E2468 | E2465 | E2308 | E2319 |
| | vii. | R.B. Make | NBC | | NBC | | NBC | | NBC | |
| | viii. | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | |
| 12.3 | Items Traceability: | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | AJT,PEW | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | KNORR-BREMSE | | | | |
| 12.4 | i. | Modification/ Trail (if any): | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | Less Wheel Dia. | | | | |



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

| | | | | | | | |
|-------|---|---|--|----------------|---------------------|------------------|------------|
| 1. | SHELL No: | 4064 | DISPATCH DATE: | | | 20.9.2014 | |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: | 14115 | |
| 3. | Booked to | SSE/C&W/GKP | | | | | |
| 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 | | 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 mm (AE63143) | | | | |
| vii) | Buffer/CBC Height | Specified : 1104 +0 /-10 mm | 1104/1104 | | | 1104/1100 | |
| viii) | Buffer/CBC (Make) | | REPL | | | | |
| ix) | Draw Gear (Make) | | CFPL | | | | |
| 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 | 87/88 | | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | | |
| 9. | Traceability of Furnishing Items: | | | Make | | | |
| i. | BRAKE EQUIPMENT | | SIL | | | | |
| ii. | SEAT & BERTH | | SAVITRI | | | | |
| iii. | WATER TANKS | | AMIT,SHIVALIK | | | | |
| iv. | PVC | | RESPONSIVE | | | | |
| v. | FLOOR BOARD | | NARBADA | | | | |
| vi. | UIC VESTIBULE | | KRP | | | | |
| vii. | LAV. DOORS | | SAVITRI | | | | |
| viii. | LP SHEET | | PUNJAB LAMINATE | | | | |
| ix) | BIO- TOILET | | OMAX | | | | |
| 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 | |
| | | 4064 | | NER | | WGACCN | | 14115 | | 04-08-2014 | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | | NPP Side | | | | |
| | i. | Bogie No. | 143298 | | | | | 143297 | | | |
| | ii. | Frame No. | UBLS-AC-4362 | | | | | UBLS-AC-4274 | | | |
| | iii. | Axle No. | RWF-110374 | | W-3061 | | W-2277 | | P-3349 | | |
| | iv. | Wheel Diameter | 918.00 | 918.00 | 917.50 | 917.50 | 918.00 | 918.00 | 917.50 | 917.00 | |
| | v. | Wheel Disc No. | 02118/ 232 | 06365/ 221 | 06379/ 383 | 06326/ 287 | 06967/ 273 | 06366/ 233 | 06971/ 379 | 06844/33 1 | |
| | vi. | R.B. Nos. | U2511 | U382 | V2544 | V2536 | U2023 | U1477 | U1458 | U1447 | |
| | 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) | | | | | KNORR-BREMSE | | | | |
| 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: | 4062 | DISPATCH DATE: | | 22.9.2014 | | |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: | 14118 | |
| 3. | Booked to | SSE/C&W/GKP | | | | | |
| 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 | | 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 mm (AE63143) | | | | |
| vii) | Buffer/CBC Height | Specified : 1104 +0 /-10 mm | 1104/1104 | 1104/1104 | | | |
| viii) | Buffer/CBC (Make) | | REPL | | | | |
| ix) | Draw Gear (Make) | | CFPL | | | | |
| 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 | 86/87 | | | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | | |
| 9. | Traceability of Furnishing Items: | | Make | | | | |
| i. | BRAKE EQUIPMENT | | SIL | | | | |
| ii. | SEAT & BERTH | | SAVITRI | | | | |
| iii. | WATER TANKS | | AMIT,SHIVALIK | | | | |
| iv. | PVC | | RESPONSIVE | | | | |
| v. | FLOOR BOARD | | NARBADA | | | | |
| vi. | UIC VESTIBULE | | KRP | | | | |
| vii. | LAV. DOORS | | SAVITRI | | | | |
| viii. | LP SHEET | | NK | | | | |
| ix) | BIO- TOILET | | OMAX | | | | |
| 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 | | |
| | | 4062 | NER | | WGACCN | 14118 | | 11-08-2014 | | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. Bogie No. | 143296 | | | | 143291 | | | | |
| | ii. Frame No. | UBLS-4261 | | | | UBLS-4292 | | | | |
| | iii. Axle No. | S-3543 | | T-3954 | | W-9942 | | V-9957 | | |
| | iv. Wheel Diameter | 917.50 | 918.00 | 917.50 | 917.00 | 915.00 | 915.00 | 916.00 | 916.00 | |
| | v. Wheel Disc No. | 06900/233 | 05889/230 | 06956/226 | 06952/299 | 99240/298 | 04068/257 | 06361/270 | 06500/275 | |
| | vi. R.B. Nos. | U-1865 | U-1220 | U-1451 | U-1609 | E-2642 | E-2350 | D-0896 | D-0916 | |
| | vii. R.B. Make | FAG | | FAG | | NBC | | NBC | | |
| | viii. R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | | |
| 12.3 | <u>Items Traceability:</u> | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | PEW,AJT | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | KNORR BREMSE | | | | |
| 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: | 4068 | DISPATCH DATE: | | 23.9.2014 | | |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: | 14119 | |
| 3. | Booked to | SSE/C&W/GKP | | | | | |
| 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 | | 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 mm (AE63143) | | | | |
| vii) | Buffer/CBC Height | Specified : 1104 +0 /-10 mm | 1102/1100 | 1100/1100 | | | |
| viii) | Buffer/CBC (Make) | | REPL | | | | |
| ix) | Draw Gear (Make) | | CFPL | | | | |
| 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 | 87/88 | | | |
| 8.2 | APPLICATION OF PCN-123 | | SATISFACTORY | | | | |
| 8.3 | INSUALTION | | SATISFACTORY | | | | |
| 9. | Traceability of Furnishing Items: | | Make | | | | |
| i. | BRAKE EQUIPMENT | | SIL | | | | |
| ii. | SEAT & BERTH | | SAVITRI | | | | |
| iii. | WATER TANKS | | AMIT,SHIVALIK | | | | |
| iv. | PVC | | RESPONSIVE | | | | |
| v. | FLOOR BOARD | | NARBADA | | | | |
| vi. | UIC VESTIBULE | | KRP | | | | |
| vii. | LAV. DOORS | | SAVITRI | | | | |
| viii. | LP SHEET | | NK | | | | |
| ix) | BIO- TOILET | | OMAX | | | | |
| 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 | | | | |
| | | 4068 | NE | WGACCN | 14119 | 27-06-2014 | | | | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. | Bogie No. | 143242 | | | | 143247 | | | |
| | ii. | Frame No. | UBLS-4237 | | | | UBLS-4205 | | | |
| | iii. | Axle No. | 0369 | | 2141 | | 2174 | | 2428 | |
| | iv. | Wheel Diameter | 915.00 | 915.00 | 915.00 | 915.00 | 915.50 | 915.00 | 915.00 | 915.00 |
| | v. | Wheel Disc No. | 27963/15580 | 27988/15580 | 28089/15580 | 28090/15580 | 27973/15880 | 28051/15380 | 28070/15580 | 27976/15580 |
| | vi. | R.B. Nos. | D-0802 | D-0817 | D-0915 | D-0912 | X-2395 | X2385 | X1766 | X1752 |
| | vii. | R.B. Make | NBC | | NBC | | FAG | | FAG | |
| | viii. | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | |
| 12.3 | <u>Items Traceability:</u> | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | AJT,PEW | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | GABRIEL | | | | |
| 12.4 | i. | Modification/ Trail (if any): | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | NIL | | | | |

WGACCN-4068



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

| | | | | | | | |
|-------|---|---|----------------|--|--|------------------|------------|
| 1. | SHELL No: | 4042 | DISPATCH DATE: | | | 24.9.2014 | |
| 2. | RAILWAY | NER | Type: | WGACCN | Coach No.: | 14120 | |
| 3. | Booked to | SSE/C&W/GKP | | | | | |
| 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 | | | | 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 mm (AE63143) | | |
| 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 | 87/88 | | |
| 8.2 | APPLICATION OF PCN-123 | | | SATISFACTORY | | | |
| 8.3 | INSUALTION | | | SATISFACTORY | | | |
| 9. | Traceability of Furnishing Items: | | | Make | | | |
| i. | BRAKE EQUIPMENT | | | SIL | | | |
| ii. | SEAT & BERTH | | | SAVITRI | | | |
| iii. | WATER TANKS | | | AMIT,SHIVALIK | | | |
| iv. | PVC | | | RESPONSIVE | | | |
| v. | FLOOR BOARD | | | TAYAL | | | |
| vi. | UIC VESTIBULE | | | KRP | | | |
| vii. | LAV. DOORS | | | SAVITRI&RCF | | | |
| viii. | LP SHEET | | | PUNJAB LAMINATE | | | |
| ix) | BIO- TOILET | | | VICTORIA | | | |
| 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 | | | | |
| | | 4042 | NER | WGACCN | 14120 | 18-08-2014 | | | | |
| 12.1 | BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a' | | | | | | | | | |
| 12.2 | Wheel & Axle Details: | PP Side | | | | NPP Side | | | | |
| | i. | Bogie No. | 143303 | | | | 143305 | | | |
| | ii. | Frame No. | UBLS-4297 | | | | UBLS-4277 | | | |
| | iii. | Axle No. | Y-6849 | | S-6854 | | S-1459 | | W-2806 | |
| | iv. | Wheel Diameter | 918.00 | 918.00 | 917.00 | 917.50 | 917.00 | 917.00 | 917.50 | 917.50 |
| | v. | Wheel Disc No. | 06397/266 | 06360/384 | 06968/212 | 06970/266 | 06356/231 | 06309/228 | 08078/251 | 08094/232 |
| | vi. | R.B. Nos. | U1435 | U1399 | U1848 | U1963 | U369 | U455 | U1747 | V1397 |
| | vii. | R.B. Make | NBC | | FAG | | FAG | | NBC | |
| | viii. | R.B. Type | Direct Mounted Spherical Roller Bearing | | | | | | | |
| 12.3 | <u>Items Traceability:</u> | | | | | | | | | |
| | i. | BRAKE CYLINDER (Make) | | | | AJT,PEW | | | | |
| | ii. | SECONDARY Shock Absorber (Make) | | | | KNORR-BREMSE | | | | |
| 12.4 | i. | Modification/ Trail (if any): | | | | NIL | | | | |
| | ii. | Deviations (if any): | | | | NIL | | | | |