



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4164</b>	DISPATCH DATE:			<b>28.01.2015</b>	
2.	RAILWAY	<b>NWR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>14122</b>	
3.	Booked to	<b>SSE/C&amp;W/AII</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			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	<b>1104/1104</b>	<b>1104/1104</b>			
viii)	Buffer/CBC (Make )			<b>REPL</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) 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		<b>VIBGYOR</b>	<b>85/85</b>		
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>				
8.3	INSUALTION		<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>SHIVALIK, RAIL FAB</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	UIC VESTIBULE			<b>KRP</b>			
vii.	LAV. DOORS			<b>DHINJAN</b>			
viii.	LP SHEET			<b>NA</b>			
ix)	BIO- TOILET			<b>DARSHAN</b>			
10	10.1	Modification/ Trial (if any):			<b>NIL</b>		
.	10.2	Deviations (if any):			<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4164	NWR	WGACCN	14122	07-01-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	153008				153011			
	ii.	Frame No.	UBLS-4449				UBLS-4474			
	iii.	Axle No.	U-7103		U7204		N-0380		N-0479	
	iv.	Wheel Diameter	916.00	916.00	917.50	917.50	917.00	917.00	917.00	917.00
	v.	Wheel Disc No.	09032/278	09126/371	09113/221	09047/378	09116/278	07236/233	09035/276	06886/259
	vi.	R.B. Nos.	V1666	V1697	V1824	V1874	R335	R358	V1708	V1763
	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)				K/B					
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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1.	SHELL No:	<b>4168</b>	DISPATCH DATE:			<b>28.01.2015</b>
2.	RAILWAY	<b>NWR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>14123</b>
3.	Booked to	<b>SSE/C&amp;W/BKN</b>				
4.	Tare Weight of Coach :	<b>52.53 T</b>				
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		<b>1104/1104</b>	<b>1104/1104</b>	
viii)	Buffer/CBC (Make )			<b>JLS</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/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> in 6 sec		Brakes "ON"		
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:					
		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT	PU PAINT		<b>APC</b>	<b>85/85</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			<b>ESCORTS</b>		
ii.	SEAT & BERTH			<b>SAVITRI</b>		
iii.	WATER TANKS			<b>SHIVALIK, RAIL FAB</b>		
iv.	PVC			<b>RESPONSIVE</b>		
v.	FLOOR BOARD			<b>TAYAL</b>		
vi.	UIC VESTIBULE			<b>KRP</b>		
vii.	LAV. DOORS			<b>DHINJAN</b>		
viii.	LP SHEET			<b>NA</b>		
ix)	BIO- TOILET			<b>RAIL FAB</b>		
10	10.1	Modification/ Trial (if any):		<b>NIL</b>		
.	10.2	Deviations (if any):		<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4168	NWR	WGACCN	14123	17-01-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	153026				153027			
	ii.	Frame No.	UBLS-4413				UBLS-4472			
	iii.	Axle No.	U-4365		RWF-83429		RWF-100589		A-5575	
	iv.	Wheel Diameter	916.00	916.00	917.00	916.50	916.00	916.00	917.00	917.00
	v.	Wheel Disc No.	08063/235	08086/368	09041/275	09043/294	08067/253	08083/377	09045/290	09147/278
	vi.	R.B. Nos.	K-2550	K-2529	K-2569	K-2572	K-2367	K-2595	R-414	R-364
	vii.	R.B. Make	NBC		NBC		NBC		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)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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1.	SHELL No:	4167	DISPATCH DATE:			29.01.2015	
2.	RAILWAY	NWR	Type:	WGACCN	Coach No.:	14121	
3.	Booked to	SSE/C&W/ALL					
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	1100/1102		1102/1102		
viii)	Buffer/CBC (Make )			JLS			
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	85/85		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make ESCORTS			
ii.	SEAT & BERTH			SAVITRI			
iii.	WATER TANKS			SHIVALIK, RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			KRP			
vii.	LAV. DOORS			DHINJAN			
viii.	LP SHEET			NA			
ix)	BIO- TOILET			RAIL FAB			
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	
		4167		NR		WGACCN		14121		07-01-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	153010				153009				
	ii.	Frame No.	UBLS-1017				UBLS-1059				
	iii.	Axle No.	W-2233		3189		Y-6826		5360		
	iv.	Wheel Diameter	916.00	916.00	917.00	917.00	918.00	918.00	918.00	918.00	
	v.	Wheel Disc No.	09005/239	08863/278	09043/378	09136/276	09000/205	09040/378	09040/251	09145/226	
	vi.	R.B. Nos.	V2480	V2486	R273	R303	V2573	V2225	V2461	V2505	
	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)					K/B				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4165</b>	DISPATCH DATE:			<b>06.02.2015</b>	
2.	RAILWAY	<b>NWR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>14124</b>	
3.	Booked to	<b>SSE/C&amp;W/BKN</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			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	<b>1104/1104</b>	<b>1104/1104</b>			
viii)	Buffer/CBC (Make )			<b>REPL</b>			
ix)	Draw Gear (Make)			<b>EMSON, CFPL</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) 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		<b>VIBGYOR</b>	<b>85/86</b>		
8.2	APPLICATION OF PCN-123			<b>SATISFACTORY</b>			
8.3	INSUALTION			<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:						
i.	BRAKE EQUIPMENT			Make <b>ESCORTS</b>			
ii.	SEAT & BERTH			<b>SAVITRI</b>			
iii.	WATER TANKS			<b>SHIVALIK, RAIL FAB</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	UIC VESTIBULE			<b>KRP</b>			
vii.	LAV. DOORS			<b>DHINJAN</b>			
viii.	LP SHEET			<b>LP</b>			
ix)	BIO- TOILET			<b>OASIS</b>			
10	10.1	Modification/ Trial (if any):			<b>NIL</b>		
.	10.2	Deviations (if any):			<b>NIL</b>		



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12.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
		4165		NW		WGACCN		14124		14-01-2015	
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	153022				153023				
	ii.	<b>Frame No.</b>	UBLS-4436				UBLS-4466				
	iii.	<b>Axle No.</b>	4046		RWF-92485		4121		5090		
	iv.	<b>Wheel Diameter</b>	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v.	<b>Wheel Disc No.</b>	09055/ 218	09037/ 297	03772/ 234	08082/ 260	09152/ 266	09042/ 240	09148/ 227	09146/37 8	
	vi.	<b>R.B. Nos.</b>	M0702	M0676	K2506	K2513	M0690	M0642	K2376	K2345	
	vii.	<b>R.B. Make</b>	NBC		NBC		NBC		NBC		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	<b>BRAKE CYLINDER (Make)</b>					PEW				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					KNORR BREMSE				
12.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					NIL				

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