



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4234</b>	DISPATCH DATE:		<b>07.04.2015</b>
2.	RAILWAY	<b>CR</b>	Type:	<b>WGACCN</b>	Coach No.: <b>15115</b>
3.	Booked to	<b>SSE/C&amp;W/CSTM</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>1104/1103</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/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>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>OVPL</b>		
iii.	WATER TANKS		<b>SHIVALIK, RAIL FAB, KUTEER</b>		
iv.	PVC		<b>RESPONSIVE</b>		
v.	FLOOR BOARD		<b>TAYAL</b>		
vi.	UIC VESTIBULE		<b>KRP</b>		
vii.	LAV. DOORS		<b>SAVITRI</b>		
viii.	LP SHEET		<b>NA</b>		
ix)	BIO- TOILET		<b>M K PRECISION</b>		
10	10.1	Modification/ Trial (if any):	<b>NIL</b>		
.	10.2	Deviations (if any):	<b>NIL</b>		



12.	<b>Bogie Details:</b>	Shell No.	Railway		Type	Coach No.		Dispatch Date			
		4234	CR		WGACCN	15115		28-03-2015			
12.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
12.2	<b>Wheel &amp; Axle Details:</b>	PP Side					NPP Side				
	i.	Bogie No.	153190					153194			
	ii.	Frame No.	UBLS-4622					UBLS-4636			
	iii.	Axle No.	3838		W-2293		4036		P-1838		
	iv.	Wheel Diameter	916.00	916.00	917.00	917.00	916.00	916.00	916.00	916.00	
	v.	Wheel Disc No.	06008/13448	06048/13471	45664/06064	09412/13353	09402/13353	11269/13390	05753/13736	09408/13353	
	vi.	R.B. Nos.	A0747	A0888	A1019	A0875	M2797	M2762	A0742	A1472	
	vii.	R.B. Make	NBC		NBC		NBC		NBC		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
12.3	<b>Items Traceability:</b>										
	i.	BRAKE CYLINDER (Make)					AJT				
	ii.	SECONDARY Shock Absorber (Make)					KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

**WGACCN-4234**



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1.	SHELL No:	<b>4229</b>	DISPATCH DATE:			<b>07.04.2015</b>	
2.	RAILWAY	<b>CR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>15114</b>	
3.	Booked to	<b>SSE/C&amp;W/CSTM</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>1100/1104</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) 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>OVPL</b>			
iii.	WATER TANKS			<b>SHIVALIK, RAIL FAB, RAIL TECH</b>			
iv.	PVC			<b>RESPONSIVE</b>			
v.	FLOOR BOARD			<b>TAYAL</b>			
vi.	UIC VESTIBULE			<b>ELASTOMER</b>			
vii.	LAV. DOORS			<b>SAVITRI</b>			
viii.	LP SHEET			<b>NA</b>			
ix)	BIO- TOILET			<b>M K PRECISION</b>			
10	10.1	Modification/ Trial (if any):			<b>NIL</b>		
.	10.2	Deviations (if any):			<b>NIL</b>		



12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4229	CR		WGACCN		15114		05-03-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	153129				153130				
	ii. Frame No.	UBLS-4579				UBLS-4578				
	iii. Axle No.	U-6700		A-4154		A-4004		A-5397		
	iv. Wheel Diameter	916.50	916.50	916.50	916.50	916.50	917.00	917.00	917.00	
	v. Wheel Disc No.	07351/236	07020/251	10242/378	10294/387	10300/379	10303/204	10315/251	10377/224	
	vi. R.B. Nos.	J2199	J2170	A0713	J2354	A1495	A0980	J2230	J2389	
	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				
	ii.	SECONDARY Shock Absorber (Make)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

**WGACCN-4229**



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4232</b>	DISPATCH DATE:		<b>07.04.2015</b>		
2.	RAILWAY	<b>CR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>15113</b>	
3.	Booked to	<b>SSE/C&amp;W/CSTM</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>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/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>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:						
i.	BRAKE EQUIPMENT		Make <b>ESCORTS</b>				
ii.	SEAT & BERTH		<b>OVPL</b>				
iii.	WATER TANKS		<b>SHIVALIK, RAIL FAB</b>				
iv.	PVC		<b>RESPONSIVE</b>				
v.	FLOOR BOARD		<b>TAYAL</b>				
vi.	UIC VESTIBULE		<b>ELASTOMER</b>				
vii.	LAV. DOORS		<b>SAVITRI</b>				
viii.	LP SHEET		<b>NA</b>				
ix)	BIO- TOILET		<b>M K PRECISION</b>				
10	10.1	Modification/ Trial (if any):		<b>NIL</b>			
.	10.2	Deviations (if any):		<b>NIL</b>			



12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		4232	CR		WGACCN		15113		27-03-2015	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	153188				153186				
	ii. Frame No.	UBLS-4583				UBLS-4621				
	iii. Axle No.	N-1638		A-4442		10177		RWF-92842		
	iv. Wheel Diameter	917.00	917.00	916.00	916.00	917.00	917.00	917.00	917.00	
	v. Wheel Disc No.	06803/ 13172	09388/ 13353	60810/ 08510	06763/ 13172	06464/ 1360	62756/ 08675	09913/ 13966	60813/08 510	
	vi. R.B. Nos.	A-1253	A-1150	A-1079	A-1106	M-3173	M-3134	J-2299	J-2295	
	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)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

**WGACCN-4232**