



**ROLLING STOCK CERTIFICATE**

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4196</b>	DISPATCH DATE:			<b>25.02.2015</b>	
2.	RAILWAY	<b>WCR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>15111</b>	
3.	Booked to	<b>SSE/C&amp;W/JBP</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>1104/1103</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>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</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>POWER BEAM TECH.</b>			
10	10.1	Modification/ Trial (if any):			<b>NIL</b>		
.	10.2	Deviations (if any):			<b>NIL</b>		



12.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>					
		4196	WCR	WGACCN	15111	09-02-2015					
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>	153065				153066				
	ii.	<b>Frame No.</b>	UBLS-4465				UBLS-4467				
	iii.	<b>Axle No.</b>	8689		9517		W-2595		8717		
	iv.	<b>Wheel Diameter</b>	916.00	916.00	917.00	916.50	916.00	916.00	916.00	916.00	
	v.	<b>Wheel Disc No.</b>	06932/ 221	09002/ 238	05540/ 282	07230/ 260	08068/ 263	06933/ 201	08077/ 295	05594/24 3	
	vi.	<b>R.B. Nos.</b>	M-0766	M-0595	M0810	M0769	M0617	M0601	M0757	M0605	
	vii.	<b>R.B. Make</b>	NBC		NBC		NBC		NBC		
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
12.3	<b><u>Items Traceability:</u></b>										
	i.	<b>BRAKE CYLINDER (Make)</b>					PEW,AJT				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>					ESCORTS,KNORR BREMSE				
12.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					NIL				

WGACCN-4196



ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version: 05

1.	SHELL No:	<b>4193</b>	DISPATCH DATE:			<b>19.03.2015</b>
2.	RAILWAY	<b>WCR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>15112</b>
3.	Booked to		<b>SSE/C&amp;W/JBP</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>1104/1096</b>	<b>1103/1104</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>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, MANOJ</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>ORIENTAL VENEER</b>		
10	10.1	Modification/ Trial (if any):			<b>NIL</b>	
.	10.2	Deviations (if any):			<b>NIL</b>	



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4193	WCR	WGACCN	15112	16-02-2015			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	153075				153076			
	ii. Frame No.	UBLS-4508				UBLS-4519			
	iii. Axle No.	A-5842		5769		RWF-104205		L-0161	
	iv. Wheel Diameter	917.00	916.50	917.00	916.50	917.00	917.00	917.00	916.50
	v. Wheel Disc No.	10297/268	10304/248	10289/234	10258/269	10307/228	10312/228	10327/369	10368/287
	vi. R.B. Nos.	J2297	J2310	J2234	K2294	J2288	J2270	K2332	J2290
	vii. R.B. Make	NBC		NBC		NBC		NBC	
	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			

WGACCN-4193