



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4030</b>	DISPATCH DATE:			<b>07.10.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>14131</b>
3.	Booked to	<b>SSE/C&amp;W/GHY</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>1104/1100</b>	<b>1102/1094</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/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>87/88</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</b>	
	iv.	PVC			<b>RESPONSIVE</b>	
	v.	FLOOR BOARD			<b>NARBADA</b>	
	vi.	UIC VESTIBULE			<b>KRP</b>	
	vii.	LAV. DOORS			<b>RCF</b>	
	viii.	LP SHEET			<b>PUNJAB LAMINATE</b>	
	ix)	BIO- TOILET			<b>VICTORIA</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	
		4030	NFR		WGACCN		14131		15-09-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	143347				143334			
	ii.	Frame No.	UBLS-4356				UBLS-4304			
	iii.	Axle No.	5308		T-0258		V-9207		S-1469	
	iv.	Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
	v.	Wheel Disc No.	08103/286	08089/264	07730/382	26381/276	06380/244	08063/366	08071/295	08070/246
	vi.	R.B. Nos.	U2566	U2497	T1907	T2087	T447	T479	T1178	T1442
	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)					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:	4067	DISPATCH DATE:		11.10.2014
2.	RAILWAY	NFR	Type:	WGACCN	Coach No.: 14132
3.	Booked to	SSE/C&W/GHY			
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/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	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		SHIVALIK		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		NARBADA		
vi.	UIC VESTIBULE		KRP		
vii.	LAV. DOORS		RCF		
viii.	LP SHEET		LP		
ix)	BIO- TOILET		OMAX		
10.	10.1	Modification/ Trial (if any):	NIL		
	10.2	Deviations (if any):	NIL		



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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>				
		4067	NFR	WGACCN	14132	28-06-2014				
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>	143246				143249			
	ii.	<b>Frame No.</b>	UBLS-954				UBLS-4210			
	iii.	<b>Axle No.</b>	2279		2214		1899		2208	
	iv.	<b>Wheel Diameter</b>	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	v.	<b>Wheel Disc No.</b>	06270/ 253	06946/ 276	06984/ 206	06977/ 283	06947/ 378	06271/ 266	06987/ 368	06943/21 1
	vi.	<b>R.B. Nos.</b>	X-1735	Y-936	X-1732	X-646	X-1734	Y-1003	Y-1015	X-649
	vii.	<b>R.B. Make</b>	FAG		FAG		FAG		FAG	
	viii.	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing							
12.3	<b>Items Traceability:</b>									
	i.	<b>BRAKE CYLINDER (Make)</b>				AJT				
	ii.	<b>SECONDARY Shock Absorber (Make)</b>				GABRIEL				
12.4	i.	<b>Modification/ Trail (if any):</b>				NIL				
	ii.	<b>Deviations (if any):</b>				NIL				