



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4024</b>	DISPATCH DATE:			<b>16.7.2014</b>	
2.	RAILWAY	<b>NR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>143118</b>	
3.	Booked to	<b>SSE/C&amp;W/NDLS</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>JLS</b>				
	ix)	Draw Gear (Make)	<b>CFPL</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>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 &amp; AMIT</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>PUNJAB LAMINATES</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	
		4024	NR	WGACCN				144318	10-06-14	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side					NPP Side			
	i.	Bogie No.	143191					143207		
	ii.	Frame No.	UBLS-990					UBLS-946		
	iii.	Axle No.	5621		8124		7964		7785	
	iv.	Wheel Diameter	912.00	912.00	911.00	911.00	911.00	910.50	911.00	911.00
	v.	Wheel Disc No.	02565/ 04066	55645/ 07361	23300/ 14245	23387/ 14943	51806/ 07763	00322/ 03946	24961/ 15035	23132/14 921
	vi.	R.B. Nos.	X-1983	X-1939	X-2061	X-2082	Y-1855	J-2294	X-1498	X-1871
	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,ESCORTS			
12.4	i.	Modification/ Trail (if any):					LESS WHEEL DIA.			
	ii.	Deviations (if any):					NIL			

**WGACCN-4024**