



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4050	DISPATCH DATE:			16.10.2014
2.	RAILWAY	SER	Type:	GSLRD	Coach No.:	148702
3.	Booked to		SSE/C&W/TATA			
4.	Tare Weight of Coach :		37.10 T			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T
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			200 mm		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104	
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	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			AMIT, RAIL FAB		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			ORIENTAL		
vi.	UIC VESTIBULE			NA		
vii.	LAV. DOORS			RCF & ANKUR		
viii.	LP SHEET			PUNJAB LAMINATE		
ix)	BIO- TOILET			OMAX		
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				
		4050	SER	GS	148702	09-08-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141010				140996			
	ii.	Frame No.	ASR-249				ASR-244			
	iii.	Axle No.	S-5589		U-4247		T-4597		T-4087	
	iv.	Wheel Diameter	918.00	918.00	917.50	918.00	918.00	918.00	917.50	917.00
	v.	Wheel Disc No.	06485/ 297	06842/ 376	06462/ 268	06346/ 373	06878/ 221	06931/ 249	95336/ 235	95300/22 8
	vi.	R.B. Nos.	E-2758	E-2777	U-1681	V-1194	V-858	V-935	V-891	V-887
	vii.	R.B. Make	NBC		FAG		FAG		FAG	
	viii	R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>									
	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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