



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4053	DISPATCH DATE:			04.10.2014
2.	RAILWAY	WR	Type:	GSLRD	Coach No.:	147114
3.	Booked to			SSE/C&W/IND		
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	1104/1102	
	viii)	Buffer/CBC (Make)		JLS		
	ix)	Draw Gear (Make)		EMSON		
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		MOHAN		
	iii.	WATER TANKS		AMIT		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		TAYAL		
	vi.	UIC VESTIBULE		NA		
	vii.	LAV. DOORS		SAVITRY, RCF & ANKUR		
	viii.	LP SHEET		NK		
	ix)	BIO- TOILET		OMAX		
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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2.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		4053	WR		GSLRD		147114		10-09-2014		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	141148					141144			
	ii.	Frame No.	ASR-225					ASR-362			
	iii.	Axle No.	RWF-105128		S-5627		U-4226		W-2685		
	iv.	Wheel Diameter	910.00	910.00	910.00	910.00	916.00	916.00	916.00	916.00	
	v.	Wheel Disc No.	42008/ 03761	41313/ 03349	41319/ 03349	41656/ 03624	41266/ 03349	41874/ 05136	41543/ 03604	41590/03 604	
	vi.	R.B. Nos.	T-487	T-482	T-444	T-1332	T-1372	T-1383	T-1334	T-1357	
	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 / GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					LESS WHEEL DIA.				