



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

31.7.2014

Form No. QMF4254; Version: 05

1.	SHELL No:	4299	DISPATCH DATE:			16.10.2014
2.	RAILWAY	CR	Type:	GS	Coach No.:	14432
3.	Booked to		SSE/C&W/CSTM			
4.	Tare Weight of Coach :		36.99T			
5.	Carrying Capacity :		Seating:	90	Sleeping:	NIL
			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			200 mm	
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104
	viii)	Buffer/CBC (Make)			JLS	
	ix)	Draw Gear (Make)			CHAMUNDA	
7.	Air Brake Testing:					
	Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² 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 ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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		OVPL		
	iii.	WATER TANKS		AMIT		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		TAYAL		
	vi.	WINDOWS		AGF,ABC & MECIDON		
	vii.	LAV. DOORS		AMIR CHAND		
	viii.	LP SHEET		NK		
	ix)	BIO- TOILET		VICTORA		
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			
		4299	CR	GS	14432	22-08-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141051				141050			
	ii. Frame No.	ASR-237				ASR-291			
	iii. Axle No.	Y-6166		1773		S-1591		RWF-105140	
	iv. Wheel Diameter	912.00	912.00	912.00	912.00	911.00	911.00	914.00	914.00
	v. Wheel Disc No.	28260/ 16974	52229/ 07448	19058/ 16071	12582/ 14472	38340/ 03076	38313/ 03076	38039/ 02942	38404/03 076
	vi. R.B. Nos.	E-2260	E-2248	U-2030	U-1999	U-1896	U-1874	U-383	U-2561
	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)				PEW,AJT			
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				LESS WHEEL DIA.			



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ROLLING STOCK CERTIFICATE

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Form No. QMF4254; Version: 05

1.	SHELL No:	4275	DISPATCH DATE:			16.10.2014	
2.	RAILWAY	CR	Type:	GS	Coach No.:	14431	
3.	Booked to		SSE/C&W/CSTM				
4.	Tare Weight of Coach :	36.99T					
5.	Carrying Capacity :	Seating:	90	Sleeping:	NIL	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			200 mm			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104		
viii)	Buffer/CBC (Make)			HEPL			
ix)	Draw Gear (Make)			EMSON			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² 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 ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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			OVPL			
iii.	WATER TANKS			AMIT			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			ORIENTAL			
vi.	WINDOWS			AGF & MECIDON			
vii.	LAV. DOORS			AMIR CHAND			
viii.	LP SHEET			NK			
ix)	BIO- TOILET			VICTORA			
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			
		4275	CR	GS	14431	23-08-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	141057				141058			
	ii. Frame No.	ASR-304				ASR-150			
	iii. Axle No.	U-4312		V-9796		8340		0380	
	iv. Wheel Diameter	915.00	915.00	911.00	911.00	912.00	912.00	913.00	912.50
	v. Wheel Disc No.	06846/ 370	06900/ 374	04123/ 210	03730/ 368	03850/ 240	04095/ 202	03932/ 284	97587/24 0
	vi. R.B. Nos.	E-2500	E-2508	E-2254	E-2247	E-2529	E-2550	X-2055	X-2055
	vii. R.B. Make	NBC		NBC		NBC		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):				LESS WHEEL DIA.			