



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4219	DISPATCH DATE:			18.10.2014
2.	RAILWAY	SCR	Type:	GS	Coach No.:	14422
3.	Booked to			SSE/C&W/NED		
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			181.5mm(AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1103	1102/1104	
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			RUBICONE		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			OVPL		
vi.	WINDOWS			ABC, AGF & MOHAN, MECIDON		
vii.	LAV. DOORS			AMIR CHAND		
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			
		4219	SCR		GS	14422	31-07-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	140946				140954				
	ii. Frame No.	RBO-1040				UBLS-532				
	iii. Axle No.	V-0289		T-4010		Y-7340		Y-6206		
	iv. Wheel Diameter	915.00	915.00	918.00	918.00	913.50	913.00	913.00	913.00	
	v. Wheel Disc No.	05986/ 262	03676/ 264	06709/ 287	05800/ 376	98992/ 283	07702/ 234	97539/ 212	208370/2 38	
	vi. R.B. Nos.	E-2306	E-2317	E-2661	E-2696	E-2420	E-2421	E-2412	E-2428	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	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)				GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				LESS WHEEL DIA				

GS-4219



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4277	DISPATCH DATE:			20.10.2014
2.	RAILWAY	SCR	Type:	GS	Coach No.:	14423
3.	Booked to			SSE/C&W/NED		
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		181.5mm(AE63143)		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1102/1104	1104/1104
	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	85/86	
	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		RUBICONE		
	iv.	PVC		RESPONSIVE		
	v.	FLOOR BOARD		OVPL		
	vi.	WINDOWS		ABC, AGF, MECIDON		
	vii.	LAV. DOORS		AMIR CHAND		
	viii.	LP SHEET		NK		
	ix)	BIO- TOILET		M K PRECISION		
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				
		4277	SC	GS	14423	05-08-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	140979				140970			
	ii.	Frame No.	ASR-198				UBLS-1024			
	iii.	Axle No.	T-3944		S-7596		V-9770		T-4847	
	iv.	Wheel Diameter	918.00	918.00	917.00	917.00	917.00	917.00	917.50	917.00
	v.	Wheel Disc No.	06931/ 230	06861/ 386	06897/ 254	05619/ 274	05640/ 205	06317/ 386	06837/ 269	05759/27 4
	vi.	R.B. Nos.	E-2803	E-2789	E-2718	E-2710	E-2882	E-2894	E-2901	E-2890
	vii.	R.B. Make	NBC		NBC		NBC		NBC	
	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)					GABRIEL			
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				