



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4095	DISPATCH DATE:				25.03.2015
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143747	
3.	Booked to			SSE/C&W/LKO			
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		1104/1103	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/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	85/85		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			FLEXO FOAMS			
iii.	WATER TANKS			AMIT, RAIL FAB			
iv.	PVC			PREMIER POLYFILM			
v.	FLOOR BOARD			ORIENTAL/TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			DHINJAN, AMIR CHAND & ANKUR			
viii.	LP SHEET			LP			
ix)	BIO- TOILET			RAIL TECH			
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				
		4095	NR	GSLRD	143747	25-02-2015				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	150234				150235				
	ii. Frame No.	ASR-863				ASR-994				
	iii. Axle No.	A-4158		P-1921		9362		9141		
	iv. Wheel Diameter	917.00	916.50	917.00	916.50	916.50	917.00	917.00	916.50	
	v. Wheel Disc No.	05699/ 269	09037/ 225	10323/ 211	10289/ 204	10362/ 218	10143/ 270	10282/ 260	10335/37 5	
	vi. R.B. Nos.	J-1886	J-1869	J-2013	J-2018	K-2167	K-2156	K-2174	K-2180	
	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)				KNORR BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4100	DISPATCH DATE:				25.03.2015
2.	RAILWAY	NR	Type:	GSLRD	Coach No.:	143748	
3.	Booked to			SSE/C&W/LKO			
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)				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	85/85		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				ESCORTS		
ii.	SEAT & BERTH				FLEXO FOAMS		
iii.	WATER TANKS				AMIT, RUBICONE		
iv.	PVC				PREMIER POLYFILM		
v.	FLOOR BOARD				ORIENTAL/TAYAL		
vi.	UIC VESTIBULE				NA		
vii.	LAV. DOORS				DHINJAN, AMIR CHAND & ANKUR		
viii.	LP SHEET				NA		
ix)	BIO- TOILET				RAIL TECH		
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				
		4100	NR	GS	143748	15-12-2014				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	141547				141594			
	ii.	Frame No.	ASR-678				ASR-720			
	iii.	Axle No.	W-2366		RWF-91986		U-5109		Y-7624	
	iv.	Wheel Diameter	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	v.	Wheel Disc No.	09011/ 276	08080/ 382	08945/ 268	03850/ 285	03650/ 217	08946/ 279	04227/ 268	02298/37 0
	vi.	R.B. Nos.	S-867	S-1479	V-1511	V-1481	S-314	S-318	S-763	S-582
	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)				AJT				
	ii.	SECONDARY Shock Absorber (Make)				K/B,GABRIEL				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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