



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4005	DISPATCH DATE:			02/09/2014
2.	Rly:	SR	Type:	MEMU/MC	Coach No.:	13036
3.	Booked to	SSE/C&W/CHENNAI				
4.	Tare Weight of Coach :	61 T				
5.	Carrying Capacity :	Seating:	65	Standing	138	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			181.5 (AE63143) mm	
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		i) 1100	ii) 1104
	vii)	Make :	JLS			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035	
	x)	Shaku Coupler Make:	ESCORTS			
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	ADVANCE	86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					Make
	i.	BRAKE EQUIPMENT			ESCORTS	
	ii.	SEAT & BERTH			MOHAN SINGH	
	lii	PVC			RESPONSIVE	
	lv	FLOOR BOARD			ORIENTAL	
	v	UIC VESTIBULE			KRP	
	Viv	LP SHEETS			PUNJAB LAMINATE +RAIL TECH	
	Vii	BODY SIDE WINDOW			ABC	
	Viii	EMERGENCY WINDOW			IRCP	
	xi	DOOR WINDOW			AGF	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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Rail Coach Factory , Kapurthala

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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4005	SR	MEMU/DMC	13036	07-08-14				
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	144028				144027			
	ii.	Frame No.	VS-14				VS-19			
	iii.	Axle No.	T-0989		T-0935		T-0944		T-1008	
	iv.	Wheel Diameter	952.00	952.00	952.00	952.00	953.00	953.00	953.00	953.00
	v.	Wheel Disc No.	03537/ 2V41	08313/ 2W33	06836/ 2W53	08350/ 2W33	00963/ 2W13	08312/ 2W55	05164/ 2W52	00086/2V 44
	vi.	R.B. Nos.	P-243	P-33	P-76	P77	P-257	P-202	P-37	P-127
	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)				IAI				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MEMU/DMC—4005



ROLLING STOCK CERTIFICATE

Form No. : **QMF4254; Version: 05**

1.	SHELL No:	4006	DISPATCH DATE:		30/8/2014
2.	Rly:	SR	Type:	MEMU/MC	Coach No.: 13035
3.	Booked to	SSE/C&W/CHENNAI			
4.	Tare Weight of Coach :	61 T			
5.	Carrying Capacity :	Seating: 65	Standing	138	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	181.5 (AE63143) mm		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	i) 1100	ii) 1100
	vii)	Make :	JLS		
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm	1035	
	x)	Shaku Coupler Make:	ESCORTS		
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	ADVANCE	85/86
	8.2	APPLICATION OF PCN-123	SATISFACTORY		
	8.3	INSUALTION	SATISFACTORY		
9.	Traceability of Furnishing Items:			Make	
	i.	BRAKE EQUIPMENT	ESCORTS		
	ii.	SEAT & BERTH	MOHAN SINGH		
	lii	PVC	RESPONSIVE		
	lv	FLOOR BOARD	ORIENTAL		
	v	UIC VESTIBULE	KRP		
	Viv	LP SHEETS	PUNJAB LAMINATE		
	Vii	BODY SIDE WINDOW	ABC		
	Viii	EMERGENCY WINDOW	M+CP		
	xi	DOOR WINDOW	AGF		
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	
		4006		SR		MEMU/DMC		13035		23-07-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	144026				144025				
	ii.	Frame No.	ACPL-04				ACPL-06				
	iii.	Axle No.	T-1000		T-0964		T-0931		T-0997		
	iv.	Wheel Diameter	953.00	953.00	953.00	953.00	953.00	953.00	952.00	952.50	
	v.	Wheel Disc No.	00962/ 2W13	02589/ 2V54	02072/ 2V51	00087/ 2V44	06088/ 2W43	05163/ 2W53	06837/ 2W53	06087/2 W43	
	vi.	R.B. Nos.	P-09	P-27	P-165	P-75	P-54	P-71	P-123	P-247	
	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)					GABRIEL				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

MEMU/DMC—4006