



ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	6010	DISPATCH DATE:			26.12.2016
2.	Rly:	EC	Type:	MEMU/MC	Coach No.:	40098
3.	Booked to	<b>SSE/C&amp;W/DNR</b>				
4.	Tare Weight of Coach :	61 T				
5.	Carrying Capacity :	Seating:	65	<b>Standing</b>	138	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
	<b>6.1</b>	<b>Leading Dimensions;</b>				
	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) 1097	ii) 1100
	vii)	Make :	HEPL			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035	
	x)	Shaku Coupler Make:	SANROK			
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	GS	85/85	
	8.2	APPLICATION OF PCN-123			SATISFACTORY	
	8.3	INSUALTION			SATISFACTORY	
9.	Traceability of Furnishing Items:				Make	
	i.	BRAKE EQUIPMENT			KBI	
	ii.	SEAT & BERTH			RAJINDER DASS	
	lii	PVC			RESPONSIVE	
	lv	FLOOR BOARD			TWPL	
	v	UIC VESTIBULE			KRP	
	Viv	LP SHEETS			PL	
	Vii	BODY SIDE WINDOW			GI	
	Viii	EMERGENCY WINDOW			ABC	
	xi	DOOR WINDOW			ABC	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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Page 2 of 3

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date		
		6010	EC		MEMU/DMC	40098	19-11-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
11.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	165021				165022			
	ii. Frame No.	ACPL-22				ACPL-21			
	iii. Axle No.	G-7207		M-0309		J-5289		D-7769	
	iv. Wheel Diameter	953.50	954.00	955.00	954.50	953.00	953.00	953.00	953.00
	v. Wheel Disc No.	57317/1 2151	00147/2 1056	02155/1 2816	02870/1 3017	162.001 47.2107 2	162.001 47.2106 9	162.001 47.2107 7	162.00147 .21048
	vi. R.B. Nos.	U0462	U0425	U0496	U0435	U57	0348	P89	U376
	vii. R.B. Make	FAG		FAG		FAG		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.			AJTECH- 1094,1097,1016,1089		AJTECH- 1037,1088,1017,1054		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS -3148,3140		ESCORTS -3180,3160		
11.4	i.	Modification/ Trail (if any):			NIL				
	ii.	Deviations (if any):			NIL				