



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4049	DISPATCH DATE:			18.04.2015
2.	Rly:	ECR	Type:	MEMU/TC2	Coach No.:	41203
3.	Booked to	SSE/C&W/DNR				
4.	Tare Weight of Coach :	33.15 T				
5.	Carrying Capacity :	Seating:	80	Standing	272	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 mm (AE63143)	
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		NA	NA
	vii)	Make :			NA	
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1033/1035	
	x)	Shaku Coupler Make:			WSF	
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			OVPL	
	iii.	PVC			RESPONSIVE	
	iv.	FLOOR BOARD			TAYAL	
	v.	UIC VESTIBULE			KRP	
	vi.	LP SHEETS			NA	
	vii.	BODY SIDE WINDOW			ABC	
	viii.	EMERGENCY WINDOW			ABC	
	xi.	DOOR WINDOW			MECIDON	
	x.	WATER TANK			RAIL FAB	
	xi.	LAV WINDOW			MECIDON	
	xii.	LAV DOOR			DHINJAN	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



रेल डिब्बा कारखाना, कपूरथला
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12.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		4049	ECR		MEMU-TC		41203		01/01/2015		
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
12.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	145162					145163			
	ii.	Frame No.	ASR-158					ASR-153			
	iii.	Axle No.	A-4812		P-6113		A-5707		A-5920		
	iv.	Wheel Diameter	954.00	954.00	954.00	954.00	954.50	954.00	954.00	954.00	
	v.	Wheel Disc No.	08848/ 941	08842/ 940	06309/ 945	08839/ 938	08883/ 928	06949/ 943	08229/ 939	08873/95 8	
	vi.	R.B. Nos.	R159	R253	R59	R246	R264	R171	R232	R166	
	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)					K/B				
12.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

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