



ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	4029	DISPATCH DATE:			30.10.2014	
2.	Rly:	NR	Type:	MEMU/TC2	Coach No.:	31293	
3.	Booked to	SSE/C&W/GZB					
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	1030/1035			
	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	ADVANCE	86/87		
	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				
	lii	PVC	RESPONSIVE				
	lv	FLOOR BOARD	ORIENTAL				
	v	UIC VESTIBULE	KRP				
	Vi	LP SHEETS	PUNJAB LAMINATE				
	Vii	BODY SIDE WINDOW	ABC				
	Viii	EMERGENCY WINDOW	ABC				
	Xi	DOOR WINDOW	AGF				
	X	WATER TANK	RUBICON, RAIL FAB				
	Xi	LAV WINDOW	MECIDON				
	xii	LAV DOOR	SAVITRI				
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			
		4029	NR		MEMU-TC		31293		10-10-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
12.2	Wheel & Axle Details:	PP Side					NPP Side					
	i.	Bogie No.	145109					145110				
	ii.	Frame No.	ASR-102					ASR-94				
	iii.	Axle No.	7244		RWF-107120		3647		S-6912			
	iv.	Wheel Diameter	954.00	954.00	953.00	953.00	952.00	952.00	955.00	955.00		
	v.	Wheel Disc No.	06339/ 944	05704/ 956	06266/ 942	06358/ 944	06438/ 960	06325/ 956	06345/ 954	06307/94 4		
	vi.	R.B. Nos.	U-1284	U-1321	U-2452	U-2475	U-2459	U-2466	T-2263	T-1687		
	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)					PEW					
	ii.	SECONDARY Shock Absorber (Make)					KNOR-BREMSE					
12.4	i.	Modification/ Trail (if any):					NIL					
	ii.	Deviations (if any):					NIL					