



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4035	DISPATCH DATE:			25.11.2014
2.	Rly:	NR	Type:	MEMU/TC2	Coach No.:	31296
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		1035/1035	
	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	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			MOHAN	
	lii	PVC			RESPONSIVE	
	lv	FLOOR BOARD			ORIENTAL	
	v	UIC VESTIBULE			KRP	
	vi	LP SHEETS			LP, M.S, S.STEEL	
	vii	BODY SIDE WINDOW			ABC	
	viii	EMERGENCY WINDOW			ABC	
	xi	DOOR WINDOW			AGF	
	x	WATER TANK			RAIL FAB	
	xi	LAV WINDOW			MECIDON	
	xii	LAV DOOR			RCF	
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	
		4035	NR		MEMU-TC		31296		25-10-2014	
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
12.2	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	145113				145114			
	ii.	Frame No.	ASR-110				ASR-107			
	iii.	Axle No.	4252		S-1749		P-5800		U-4852	
	iv.	Wheel Diameter	953.00	953.00	952.00	952.00	954.00	954.00	952.00	952.00
	v.	Wheel Disc No.	06357/ 956	06272/ 940	06045/ 961	05613/ 939	06329/ 941	06347/ 928	06279/ 958	06423/95 8
	vi.	R.B. Nos.	T-465	T-464	F-0838	F-0833	U-1547	U-1569	U-1599	U-1588
	vii.	R.B. Make	FAG		NBC		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)				KNORR-BREMSE				
12.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				