



ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	5019	DISPATCH DATE:			01.09.2015
2.	Rly:	WR	Type:	MEMU/TC2	Coach No.:	21109
3.	Booked to	SSE/C&W/BRLY				
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 :	ESCORTS			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm	1030/1035		
	x)	Shaku Coupler Make:	ESCORTS			
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	85/86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:				Make	
	i.	BRAKE EQUIPMENT		ESCORTS		
	ii.	SEAT & BERTH		OVPL		
	lii	PVC		RESPONSIVE		
	Iv	FLOOR BOARD		TAYAL		
	V	UIC VESTIBULE		CEMCON		
	Vi	LP SHEETS		NA		
	Vii	BODY SIDE WINDOW		GI		
	Viii	EMERGENCY WINDOW		GI		
	Xi	DOOR WINDOW		MECIDONE		
	X	WATER TANK		RAIL FAB		
	Xi	LAV WINDOW		AGF		
	xii	LAV DOOR		AMIR CHAND		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

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11 .	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date	
		5019	WR		MEMU/TC		21109		04-07-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	155039				155040				
	ii. Frame No.	ASR-186				ASR-188				
	iii. Axle No.	U-8219		A-3689		A-5577		A-5774		
	iv. Wheel Diameter	955.00	955.00	953.00	953.00	952.50	952.50	954.00	953.50	
	v. Wheel Disc No.	09057/929	09011/946	08880/927	10549/926	10175/945	08867/928	07035/929	08900/940	
	vi. R.B. Nos.	C7175	C3182	W1433	X1402	W1145	W1465	W1421	X1220	
	vii. R.B. Make	NBC		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.				ESCORTS-9009,9019		ESCORTS-9035,9011		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-06572,02785		IAI-128523,128512		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MEMU/TC2—5019