



ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	5021	DISPATCH DATE:			02.11.2015
2.	Rly:	NR	Type:	MEMU/TC2	Coach No.:	31335
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 :	ESCORTS			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035/1033	
	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	
	lv	FLOOR BOARD			TAYAL	
	v	UIC VESTIBULE			ESCORTS	
	Vi	LP SHEETS			NA	
	Vii	BODY SIDE WINDOW			ABC	
	Viii	EMERGENCY WINDOW			GI	
	Xi	DOOR WINDOW			GI	
	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	
		5021		NR		MEMU/TC		31335		29-08-2015	
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	155048				155049				
	ii.	Frame No.	ASR-195				ASR-196				
	iii.	Axle No.	A-4317		Y-6144		105879/463		V-9721		
	iv.	Wheel Diameter	954.50	954.00	955.00	955.00	953.00	953.00	955.00	955.00	
	v.	Wheel Disc No.	08868/948	06949/942	06331/940	08990/947	10637/942	08837/940	088266/927	07278/928	
	vi.	R.B. Nos.	V1394	V1416	V1414	V1451	X0408	W1140	V1392	V1475	
	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.				PEW-3150,2285			PEW-12158,12118		
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-139881,139934			ESCORT-4652,4619		
11.4	i.	Modification/ Trail (if any):					NIL				
	ii.	Deviations (if any):					NIL				

EMU/TC2—5021