



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	5008	DISPATCH DATE:			08.06.2015
2.	Rly:	ECR	Type:	MEMU/TC2	Coach No.:	41174
3.	Booked to	SSE/C&W/HAZIPUR				
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	NA			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm	1035/1035		
	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	APC	85/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	Make ESCORTS			
	ii.	SEAT & BERTH	OVPL			
	iii	PVC	RESPONSIVE			
	Iv	FLOOR BOARD	TAYAL			
	V	UIC VESTIBULE	KRP			
	Vi	LP SHEETS	NK			
	Vii	BODY SIDE WINDOW	GI			
	Viii	EMERGENCY WINDOW	MOHAN			
	Xi	DOOR WINDOW	MECIDONE			
	X	WATER TANK	RAIL FAB			
	Xi	LAV WINDOW	MECIDON			
	xii	LAV DOOR	AMIR CHAND			
10.	10.1	Modification/ Trial (if any):	NIL			
	10.2	Deviations (if any):	NIL			



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Page 2 of 3

11.	<b>Bogie Details:</b>	<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
		5008		EC		MEMU/TC		41174		23-05-2015	
11.1	<b>BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'</b>										
11.2	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	155017				155018				
	ii.	<b>Frame No.</b>	ASR-172				ASR-160				
	iii.	<b>Axle No.</b>	A-3804		P-5881		RWF-107109		P-3267		
	iv.	<b>Wheel Diameter</b>	955.00	955.00	955.00	955.00	955.00	955.00	955.00	955.00	
	v.	<b>Wheel Disc No.</b>	07058/ 937	08011/ 939	08991/ 929	09045/ 946	09096/ 939	09061/ 942	10623/ 938	10415/95 8	
	vi.	<b>R.B. Nos.</b>	M3084	M3132	M3124	M3128	C3184	C3159	C2969	C3022	
	vii.	<b>R.B. Make</b>	NBC		NBC		NBC		NBC		
	viii	<b>R.B. Type</b>	Direct Mounted Spherical Roller Bearing								
11.3	<b>Items Traceability:</b>					<b>PP SIDE</b>			<b>NPP SIDE</b>		
	i.	<b>BRAKE CYLINDER (Make)</b>				9060,9004 ESCORT			9054,9031 ESCORT		
	ii.	<b>SECONDARY Shock Absorber (Make)</b>				00194,00652 K/B			00641,00640 K/B		
11.4	i.	<b>Modification/ Trail (if any):</b>					NIL				
	ii.	<b>Deviations (if any):</b>					NIL				

MEMU/TC2—5008