



ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	5005	DISPATCH DATE:			05.09.2015
2.	Rly:	WR	Type:	MEMU/MC	Coach No.:	20039
3.	Booked to	<b>SSE/C&amp;W/BRCY</b>				
4.	Tare Weight of Coach :	61 T				
5.	Carrying Capacity :	Seating:	65	<b>Standing</b>	138	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
	<b>6.1</b>	<b>Leading Dimensions;</b>				
	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 (AE63143) mm	
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		i) 1100	ii) 1100
	vii)	Make :ESCORTS			HEPL	
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		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			KBI	
	ii.	SEAT & BERTH			AAR KAY FOAMS	
	lii	PVC			RESPONSIVE	
	lv	FLOOR BOARD			TAYAL	
	v	UIC VESTIBULE			KRP	
	Viv	LP SHEETS			NA	
	Vii	BODY SIDE WINDOW			ABC	
	Viii	EMERGENCY WINDOW			IRCP	
	xi	DOOR WINDOW			MECIDONE	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		5005	WR		MEMU/DMC		20039		25-07-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	154021				154022					
	ii. Frame No.	ECBT-133				ECBT-131					
	iii. Axle No.	A-7485		A-7483		A-7406		A-7408			
	iv. Wheel Diameter	954.00	954.00	954.00	954.00	954.00	954.00	954.00	954.00		
	v. Wheel Disc No.	03181/2W32	03160/2W32	05561/2W31	05550/2W31	03162/2W52	03164/2W32	02106/2W22	02108/2W24		
	vi. R.B. Nos.	X-0682	X-0673	X-0697	X-0694	X-0793	X-0685	X-0691	X-0684		
	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-14605,14627, 14559,14616			PEW-14685,14598, 14695,14634		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-8587,8591			ESCORTS-9763,9775		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	5006	DISPATCH DATE:			01.09.2015
2.	Rly:	WR	Type:	MEMU/MC	Coach No.:	20040
3.	Booked to	<b>SSE/C&amp;W/BRLY</b>				
4.	Tare Weight of Coach :	61 T				
5.	Carrying Capacity :	Seating:	65	<b>Standing</b>	138	Luggage: NIL
6.	Shell Details: (SG-90004 alt 'b')					
6.1	<b>Leading Dimensions;</b>					
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 (AE63143) mm	
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		i) 1100	ii) 1104	
vii)	Make :	ESCORTS, ATUL				
ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		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	85/85	
8.2	APPLICATION OF PCN-123			SATISFACTORY		
8.3	INSUALTION			SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
i.	BRAKE EQUIPMENT			ESCORTS		
ii.	SEAT & BERTH			AAR KAY FOAMS		
lii	PVC			RESPONSIVE		
lv	FLOOR BOARD			TAYAL		
v	UIC VESTIBULE			KRP		
Viv	LP SHEETS			NA		
Vii	BODY SIDE WINDOW			ABC		
Viii	EMERGENCY WINDOW			IRCP		
xi	DOOR WINDOW			GI		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5006	WR	MEMU/DMC	20040	08-07-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	154017				154018				
	ii. Frame No.	ECBT-135				ECBT-130				
	iii. Axle No.	A-7418		A-7453		A-7441		A-7475		
	iv. Wheel Diameter	953.00	953.00	953.00	953.00	954.00	954.00	953.00	953.00	
	v. Wheel Disc No.	01831/2V62	03440/2V61	02811/2V93	03102/2V32	01881/2V62	03439/2V61	01823/2V62	03441/2V61	
	vi. R.B. Nos.	0305	0332	0302	0278	0292	0309	0295	0263	
	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-13691,13580, 13691,13687		PEW-13695,13685, 13683,13650		
	ii.	SECONDARY Shock Absorber Make &NO.				KB-8589,8525		K/B-4578,8516		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

MEMU/DMC—5006