



**ROLLING STOCK CERTIFICATE**

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

1.	SHELL No:	5032	DISPATCH DATE:			09.12.2015
2.	Rly:	NR	Type:	MEMU/TC2	Coach No.:	31344
3.	Booked to	<b>SSE/C&amp;W/GZB</b>				
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	<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 mm ( AE63143)			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	NA	NA	
	vii)	Make :	SANROK			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm	1034/1035		
	x)	Shaku Coupler Make:	WSF			
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	86/85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT	WSF			Make
	ii.	SEAT & BERTH	OVPL			
	iii	PVC	RESPONSIVE			
	Iv	FLOOR BOARD	TAYAL			
	V	UIC VESTIBULE	CEMCON			
	Vi	LP SHEETS	NK			
	Vii	BODY SIDE WINDOW	GI			
	Viii	EMERGENCY WINDOW	GI			
	Xi	DOOR WINDOW	GI			
	X	WATER TANK	RAIL FAB			
	Xi	LAV WINDOW	AGF			
	xii	LAV DOOR	GANDHI			
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		
		5032	NR		MEMU/TC		31344		04-12-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side				NPP Side					
	i. Bogie No.	155065				155068					
	ii. Frame No.	ASR-214				ASR-216					
	iii. Axle No.	Y-6932		Y-6403		Y-6721		A-4962			
	iv. Wheel Diameter	954.00	954.00	954.00	954.00	954.00	953.50	953.00	953.00		
	v. Wheel Disc No.	04216/947	08814/948	08877/936	06861/942	10313/941	08766/957	09052/938	10660/930		
	vi. R.B. Nos.	H0866	H1444	H0888	H0965	H1364	H1373	H1365	H1361		
	vii. R.B. Make	NBC		NBC		NBC		NBC			
	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-3060,3057		PEW-2700,2130			
	ii.	SECONDARY Shock Absorber Make &NO.				IAI-144486,144739		IAI-144747,144503			
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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1.	SHELL No:	5033	DISPATCH DATE:			09.12.2015
2.	Rly:	NR	Type:	MEMU/TC2	Coach No.:	31345
3.	Booked to	<b>SSE/C&amp;W/GZB</b>				
4.	Tare Weight of Coach :	33.15 T				
5.	Carrying Capacity :	Seating:	80	<b>Standing</b>	272	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 mm ( AE63143)	
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		NA	NA
	vii)	Make :	WSF, ESCORTS			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035/1035	
	x)	Shaku Coupler Make:	WSF, 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	GS	85/86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:			<b>Make</b>		
	i.	<b>BRAKE EQUIPMENT</b>			WSF	
	ii.	<b>SEAT &amp; BERTH</b>			OVPL	
	lii	<b>PVC</b>			RESPONSIVE	
	Iv	<b>FLOOR BOARD</b>			TAYAL	
	V	<b>UIC VESTIBULE</b>			CEMCON	
	Vi	<b>LP SHEETS</b>			NK	
	Vii	<b>BODY SIDE WINDOW</b>			GI	
	Viii	<b>EMERGENCY WINDOW</b>			GI	
	Xi	<b>DOOR WINDOW</b>			GI	
	X	<b>WATER TANK</b>			RAIL FAB	
	Xi	<b>LAV WINDOW</b>			AGF	
	xii	<b>LAV DOOR</b>			GANDHI	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5033	NR	MEMU/TC	31345	28-11-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	155066				155067				
	ii. Frame No.	ASR-213				ASR-199				
	iii. Axle No.	Y-6738		F-20293		A-3620		Y-8462		
	iv. Wheel Diameter	953.00	953.00	954.00	954.00	954.00	954.00	953.00	953.00	
	v. Wheel Disc No.	02337/937	02233/939	08935/938	09038/945	09066/940	08853/940	08840/943	09128/927	
	vi. R.B. Nos.	H0968	H0960	H0963	H0954	H0930	H0967	H0966	H0942	
	vii. R.B. Make	NBC		NBC		NBC		NBC		
	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-3111,12273		PEW-3031,3028		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-9005,8576		ESCORTS-8681,8985		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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