



ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	5011	DISPATCH DATE:			30.12.2015
2.	Rly:	ER	Type:	MEMU/MC	Coach No.:	25035
3.	Booked to	SSE/C&W/ASN				
4.	Tare Weight of Coach :	61 T				
5.	Carrying Capacity :	Seating:	65	Standing	138	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 (AE63143) mm	
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		i) 1104	ii) 1104
	vii)	Make :	HEPL			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1030	
	x)	Shaku Coupler Make:	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:			Make		
	i.	BRAKE EQUIPMENT		WSF		
	ii.	SEAT & BERTH		AAR KAY FOAMS		
	lii	PVC		RESPONSIVE		
	lv	FLOOR BOARD		TAYAL		
	v	UIC VESTIBULE		CEMCON		
	Viv	LP SHEETS		NA		
	Vii	BODY SIDE WINDOW		MECIDONE		
	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		
		5011		ER		MEMU/DMC		25035		10-12-2015		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'											
11.2	Wheel & Axle Details:		PP Side				NPP Side					
	i.	Bogie No.	154031				154032					
	ii.	Frame No.	ACPL-14				CRG-102					
	iii.	Axle No.	Z-4993		Z-4954		A-4793		Z-4946			
	iv.	Wheel Diameter	952.00	952.00	953.00	953.00	953.00	953.00	952.00	952.00		
	v.	Wheel Disc No.	65844/ 10395	59378/ 08346	59365/ 08346	59328/ 08346	59267/ 08346	59381/ 08346	65603/ 09483	65587/09 487		
	vi.	R.B. Nos.	E0942	E0957	E0918	E0741	E0732	E0734	E0950	E0928		
	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-3034,NI3130,NILL			PEW-2670,NIL,3065,NIL		
	ii.	SECONDARY Shock Absorber Make &NO.					K/B-9179,9176			K/B-9175,9177		
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:	5012	DISPATCH DATE:			21.01.2016
2.	Rly:	ER	Type:	MEMU/MC	Coach No.:	25036
3.	Booked to	<b>SSE/C&amp;W/ASN</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) 1104	ii) 1104
	vii)	Make :	WSF			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1035	
	x)	Shaku Coupler Make:	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	85/85	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT		WSF		
	ii.	SEAT & BERTH		OVPL		
	lii	PVC		RESPONSIVE		
	Iv	FLOOR BOARD		TAYAL		
	V	UIC VESTIBULE		ESCORTS		
	Viv	LP SHEETS		PL		
	Vii	BODY SIDE WINDOW		GI		
	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				
		5112	ER	MEMU/DMC	25036	09-12-2015				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	154033				154034				
	ii. Frame No.	VS-29				VS-28				
	iii. Axle No.	Z-5021		Z-5220		Z-5043		G-7269		
	iv. Wheel Diameter	953.00	952.50	952.00	952.00	952.50	952.00	953.00	953.00	
	v. Wheel Disc No.	65802/10395	65781/10395	08318/59199	65612/09487	59185/08318	08318/59112	141-08077/25283	46733/24042	
	vi. R.B. Nos.	E0967	E0920	E0819	E0965	E955	E0966	X0674	X677	
	vii. R.B. Make	NBC		NBC		NBC		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-E2203,NIE3080,NILL		PEW-E3105,NIE2650,NILL		
	ii.	SECONDARY Shock Absorber Make &NO.				ESCORTS-9187,9165		K/B-8543,8527		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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