



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	6034	DISPATCH DATE:			06.05.2017
2.	Rly:	WCR	Type:	MEMU/MC	Coach No.:	40021
3.	Booked to	SSE/C&W/JBP				
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 :			ESCORTS	
	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/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)	
			Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² 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	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:				Make	
	i.	BRAKE EQUIPMENT			KBI	
	ii.	SEAT & BERTH			OVPL	
	lii	PVC			RESPONSIVE	
	lv	FLOOR BOARD			TWPL	
	v	UIC VESTIBULE			ELASTOMER	
	Viv	LP SHEETS			PUNJAB LAMINATE	
	Vii	BODY SIDE WINDOW			ABC	
	Viii	EMERGENCY WINDOW			ABC	
	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					
		6034	WC	MEMU/DMC	40021	18-04-2017					
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:	PP Side					NPP Side				
	i.	Bogie No.	175037					175038			
	ii.	Frame No.	CRG-142					CRG-123			
	iii.	Axle No.	S-2793		G-7381		G-7240		K-2375		
	iv.	Wheel Diameter	955.00	955.00	955.00	955.00	955.00	955.00	955.00	955.00	
	v.	Wheel Disc No.	09960/58451	02726/12987	08985/58079	08985/58078	08318/59229	08985/58075	08985/58074	08985/58076	
	vi.	R.B. Nos.	X0711	X0715	X0714	X0718	X0705	X0710	X0668	X0655	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	Items Traceability:					PP SIDE			NPP SIDE		
	i.	BRAKE CYLINDER Make & NO.					AJT-1079,1119,1107,1038			AJT-1188,1164,1160,1100	
	ii.	SECONDARY Shock Absorber Make &NO.					ESCORTS-3132,3194			ESCORTS-3111,3144	
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:	6033	DISPATCH DATE:			06.05.2017
2.	Rly:	WCR	Type:	MEMU/MC	Coach No.:	40025
3.	Booked to	SSE/C&W/JBP				
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) 1100	ii) 1095	
	vii)	Make :			ESCORTS	
	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	VIBGYOR	85/85	
	8.2	APPLICATION OF PCN-123		SATISFACTORY		
	8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT		KBI		
	ii.	SEAT & BERTH		OVPL		
	lii	PVC		RESPONSIVE		
	lv	FLOOR BOARD		TWPL		
	v	UIC VESTIBULE		ELASTOMER		
	Viv	LP SHEETS		PUNJAB LAMINATE		
	Vii	BODY SIDE WINDOW		ABC		
	Viii	EMERGENCY WINDOW		ABC		
	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				
		6033	WC	MEMU/DMC	40025	25-04-2017				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	175039				175040				
	ii. Frame No.	CRG-125				CRG-132				
	iii. Axle No.	M-0517		K-2132		G-7307		K-1856		
	iv. Wheel Diameter	955.00	955.00	955.00	954.50	954.00	954.50	954.00	955.00	
	v. Wheel Disc No.	58200/09673	57215/12062	58241/09673	15265/12154	57232/12062	57220/12062	02158/12816	02086/12788	
	vi. R.B. Nos.	X0659	X0647	X0672	X0642	X0732	X0641	X0662	X0786	
	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.			AJTECH-1156,1155,1108,1131			AJTECH-1161,1048,1012,1140		
	ii.	SECONDARY Shock Absorber Make &NO.			ESCORTS-3143,3154			ESCORTS-3128,3199		
11.4	i.	Modification/ Trail (if any):			NIL					
	ii.	Deviations (if any):			NIL					

