



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	7012	DISPATCH DATE:			31.07.2017
2.	Rly:	WR	Type:	MEMU/MC	Coach No.:	20052
3.	Booked to	SSE/C&W/BRCY				
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		1035	
	x)	Shaku Coupler Make:			SANROK	
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	GS	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		
	iii	PVC		RESPONSIVE		
	iv	FLOOR BOARD		SRIRAM		
	v	UIC VESTIBULE		KRP		
	Viv	LP SHEETS		--		
	Vii	BODY SIDE WINDOW		AGF		
	Viii	EMERGENCY WINDOW		AGF		
	xi	DOOR WINDOW		AGF		
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 175055056

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	175055			175056	
ii.	Frame No.	ECBT-04			ECBT-01	
iii.	Axle No.	G-7351	M-0562	S-2526	S-2718	
iv.	Wheel Diameter	955.00	954.50	953.00	953.00	953.00
v.	Wheel Disc No.	57252-12062	57244-12062	59176-08318	59237-08318	12897-02740
vi.	RB Nos	E0728	E0730	Q0374	Q0335	Q0352
vii.	RB Make	NBC		NBC		NBC
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	PEW-K14241, K14250, K14269, K14295			PEW-K14247, K14281, K14284, K14248	
ii.	Secondary shock Absorber Make & NO.	ESCORTS-3176, 3197			ESCORTS-3152, 3172	
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:	7007	DISPATCH DATE:			31.07.2017
2.	Rly:	WR	Type:	MEMU/MC	Coach No.:	20051
3.	Booked to	SSE/C&W/BRCY				
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) 1100
	vii)	Make :	HEPL			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1032	
	x)	Shaku Coupler Make:	SANROK			
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:					
	i.	BRAKE EQUIPMENT			Make KBI	
	ii.	SEAT & BERTH			OVPL	
	lii	PVC			RESPONSIVE	
	Iv	FLOOR BOARD			TWPL	
	V	UIC VESTIBULE			KRP	
	Viv	LP SHEETS			--	
	Vii	BODY SIDE WINDOW			AGF	
	Viii	EMERGENCY WINDOW			AGF	
	xi	DOOR WINDOW			AGF	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 175053054

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date
				MEMU		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt "a"					
11.2	Wheel & Axle Details:					
i.	Bogie No.	175053			175054	
ii.	Frame No.	CRG-134			CRG-126	
iii.	Axle No.	J-5293	K-1998		G-7364	V-4673
iv.	Wheel Diameter	954.00	954.00	954.00	954.00	953.00 953.00
v.	Wheel Disc No.	59171-08318	59223-08318	51630-07344	20890-00185	12987-02725 12893-02379 13061-15452 15452-13057
vi.	RB Nos	Q0372	Q0343	Q0329	Q0145	Q0309 Q0390 Q0167 Q0210
vii.	RB Make	FAG		FAG	FAG	FAG
viii.	RB Type	Direct Mounted Spherical Roller Bearing				
11.3	Items traceability:					
i.	Break Cylinder Make & No.	PEW-K14276, K01418, K14236, 14245			PEW-14296, 14265, 14277, 14253	
ii.	Secondary shock Absorber Make & NO.	IAI-124422, 124410			ESCORTS-3175, 3192	
11.4	i.	Modification/Trail (if any):	NIL			
	ii.	Deviations (if any):	NIL			