



ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	3024	DISPATCH DATE:		16.5.2014
2.	Rly:	WC	Type:	MEMU/MC	Coach No.: 40003
3.	Booked to	SSE/C&W/BPL			
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	200 mm		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	i) 1100	ii) 1100
	vii)	Make :	HEPL		
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm	1030/1035	
	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	ADVANCE	86
	8.2	APPLICATION OF PCN-123	SATISFACTORY		
	8.3	INSUALTION	SATISFACTORY		
9.	Traceability of Furnishing Items:				
	i.	BRAKE EQUIPMENT	Make ESCORTS		
	ii.	SEAT & BERTH	AAR KAY FOAMS		
	iii.	PVC	RESPONSIVE		
	iv.	FLOOR BOARD	TAYAL		
	v.	UIC VESTIBULE	KRP		
	Viv.	LP SHEETS	NA		
	Vii.	BODY SIDE WINDOW	ABC		
	Viii.	EMERGENCY WINDOW	CP		
	xi.	DOOR WINDOW	AGF		
10.	10.1	Modification/ Trial (if any):	NIL		
	10.2	Deviations (if any):	NIL		



Shell No.: 3024

Dispatch Date: 01-04-2014

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	144016				144017			
Frame No.	ECBT-92				ECBT-89			
Axle No.	S-0765		T-1085		T-1062		T0958	
Wheel Diameter	953.00	953.00	953.00	953.00	953.00	953.00	953.00	953.00
Wheel Disc No.	00904/2 V38	00071/0 7305	03611/2 V11	02301/2 V11	01764/ 2V57	02030/2 V30	01976/2 V17	03612/2 V41
R.B. No.	P174	P42	P172	P126	P107	P14	P38	P16
R.B. Make	FAG		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	5946,6014,5935,5298	6014,5946,5935,5798	ESCORTS
2	SECONDARY VERTICAL DAMPER	841,781	844,885	GABRIAL

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):



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Rail Coach Factory , Kapurthala

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1.	SHELL No:	3023	DISPATCH DATE:			19.5.2014
2.	Rly:	WC	Type:	MEMU/MC	Coach No.:	40004
3.	Booked to	SSE/C&W/BPL				
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	200 mm			
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	i) 1104	ii) 1104	
	vii)	Make :	RIL			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm	1035/1035		
	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	85/86	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:					
	i.	BRAKE EQUIPMENT			Make ESCORTS	
	ii.	SEAT & BERTH			AAR KAY FOAMS	
	iii.	PVC			RESPONSIVE	
	iv.	FLOOR BOARD			TAYAL	
	v.	UIC VESTIBULE			KRP	
	viv.	LP SHEETS			NA	
	vii.	BODY SIDE WINDOW			ABC	
	viii.	EMERGENCY WINDOW			CP	
	xi.	DOOR WINDOW			AGF	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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Shell No.: 3023

Dispatch Date: 01-04-2014

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	144015				144018			
Frame No.	ECBT-93				ECBT-91			
Axle No.	T-0974		S-0764		T-0994		T-1090	
Wheel Diameter	953.00	953.00	953.00	953.50	953.00	953.00	953.50	953.50
Wheel Disc No.	02111/2 W24	00682/2 V29	03613/2 V40	01971/2 V17	02041/ 2V51	01265/2 V57	02104/2 W24	03614/2 V40
R.B. No.	P161	P86	P46	P111	P42	P195	P6	P197
R.B. Make	FAG		FAG		FAG		FAG	
Type	Direct Mounted Spherical Roller Bearing							

5.1 Traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
		Sr. nos.	Sr. nos.	
1	BRAKE CYLINDER NO	5934,5939,5949,52 58	5933,5249,6023,5912	ESCORTS
2	SECONDARY VERTICAL DAMPER	838,787	792,889	GABRIAL

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):

MEMU/DMC—3023