



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

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

1.	SHELL No:	3028	DISPATCH DATE:			23.5.2014
2.	Rly:	EC	Type:	MEMU/MC	Coach No.:	40060
3.	Booked to	SSE/C&W/DNR				
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) 1102	ii) 1104
	vii)	Make :			RIL	
	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	VIBGYOR	86	
	8.2	APPLICATION OF PCN-123			SATISFACTORY	
	8.3	INSUALTION			SATISFACTORY	
9.	Traceability of Furnishing Items:					Make
	i.	BRAKE EQUIPMENT			ESCORTS	
	ii.	SEAT & BERTH			AAR KAY FOAMS	
	lii	PVC			RESPONSIVE	
	lv	FLOOR BOARD			TAYAL	
	v	UIC VESTIBULE			KRP	
	Viv	LP SHEETS			NA	
	Vii	BODY SIDE WINDOW			ABC	
	Viii	EMERGENCY WINDOW			MOHAN RAIL	
	xi	DOOR WINDOW			MOHAN RAIL	
10.	10.1	Modification/ Trial (if any):		NIL		
	10.2	Deviations (if any):		NIL		



रेल डिब्बा कारखाना, कपूरथला

Shell No.: 3028

Dispatch Date: 08-04-2014

BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'

RLY	ECR	Type	MEMU/DMC	Coach No.	40060
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5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	144019				144020			
Frame No.	JVR-04				JVR-05			
Axle No.	S-0661		T-0999		T-1012		T-1099	
Wheel Diameter	954.00	954.00	953.50	954.00	954.00	954.00	954.50	954.00
Wheel Disc No.	02182/2 W24	05162/2 W24	02180/2 W24	02179/2 W24	02184/ 2W24	02179/2 W24	05141/2 V52	01162/2 V13
R.B. No.	P-176	P-41	P-16	P-43	P-39	P-105	P-115	P-74
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	---	---	ESCORTS
2	SECONDARY VERTICAL DAMPER	791,783	796,845	GABRIAL

5.2 MODIFICATION (IF ANY):NIL**5.3 DEVIATION (IF ANY): NIL**



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	3027	DISPATCH DATE:			30.5.2014
2.	Rly:	EC	Type:	MEMU/MC	Coach No.:	40061
3.	Booked to	SSE/C&W/DNR				
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) 1097	ii) 1095
	vii)	Make :	RIL			
	ix)	Shaku Coupler Height	Specified : 1035 +0 /-5 mm		1030	
	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	86	
	8.2	APPLICATION OF PCN-123			SATISFACTORY	
	8.3	INSUALTION			SATISFACTORY	
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT			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			MOHAN RAIL	
	xi.	DOOR WINDOW			AGF	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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Shell No.: 3027

Dispatch Date: 31-03-2014

5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	144012				144014			
Frame No.	CRG-96				ACPL-003			
Axle No.	T-0970		S-0658		S-0659		S-0802	
Wheel Diameter	954.50	954.00	953.00	953.00	954.50	954.00	954.00	954.00
Wheel Disc No.	00673/2 V29	00002/0 7137	02107/2 W-24	00542/2 V28	25760/ 02324	00988/2 V13	00070/0 7305	00906/2 V38
R.B. No.	P-180	P-163	P-85	P-196	P-178	P-78	P-79	P-159
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	6027,5922,5959,6044	--,5229,--,5274	ESCORTS
2	SECONDARY VERTICAL DAMPER	793,849	832,785	GABRIAL

5.2 MODIFICATION (IF ANY):

5.3 DEVIATION (IF ANY):