



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4057</b>	DISPATCH DATE:		<b>30.08.2014</b>	
2.	RAILWAY	<b>ECOR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>14104</b>
3.	Booked to		<b>SSE/C&amp;W/VSKP</b>			
4.	Tare Weight of Coach :		<b>52.53 T</b>			
5.	Carrying Capacity :		Seating:	<b>64</b>	Sleeping:	<b>64</b>
					Luggage:	<b>NIL</b>
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 mm (AE63143)		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	<b>1104/1104</b>	<b>1104/1104</b>	
	viii)	Buffer/CBC (Make )		<b>REPL</b>		
	ix)	Draw Gear (Make)		<b>EMSON</b>		
7.	Air Brake Testing:					
	Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>	Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec	No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	<b>VIBGYOR</b>	<b>87/88</b>	
	8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>		
	8.3	INSUALTION		<b>SATISFACTORY</b>		
9.	Traceability of Furnishing Items:			Make		
	i.	BRAKE EQUIPMENT		<b>SIL</b>		
	ii.	SEAT & BERTH		<b>SAVITRI</b>		
	iii.	WATER TANKS		<b>AMIT,SHIVALIK</b>		
	iv.	PVC		<b>RESPONSIVE</b>		
	v.	FLOOR BOARD		<b>NARBADA</b>		
	vi.	UIC VESTIBULE		<b>KRP</b>		
	vii.	LAV. DOORS		<b>RCF</b>		
	viii.	LP SHEET		<b>PUNJAB LAMINATE</b>		
	ix)	BIO- TOILET		<b>OMAX</b>		
10	10.1	Modification/ Trial (if any):		<b>NIL</b>		
.	10.2	Deviations (if any):		<b>NIL</b>		



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		4057	ECoR	WGACCN	14104	20-08-2014			
12.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'								
12.2	Wheel & Axle Details:	PP Side				NPP Side			
	i. Bogie No.	143318				143322			
	ii. Frame No.	UBLS-1052				UBLS-4299			
	iii. Axle No.	Y-7812		Y-6294		1009		1677	
	iv. Wheel Diameter	915.00	915.00	913.00	913.00	915.00	915.00	914.00	914.00
	v. Wheel Disc No.	05654/ 254	05676/ 217	00445/ 367	96420/ 323	05956/ 272	06313/ 269	02087/ 256	02117/20 8
	vi. R.B. Nos.	E-2362	E-2340	E-2390	E-2537	E-2310	E-2289	U-1421	U-2047
	vii. R.B. Make	NBC		NBC		NBC		FAG	
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing							
12.3	<u>Items Traceability:</u>								
	i.	BRAKE CYLINDER (Make)				AJT,PEW			
	ii.	SECONDARY Shock Absorber (Make)				KNORR-BREMSE			
12.4	i.	Modification/ Trail (if any):				NIL			
	ii.	Deviations (if any):				Less Wheel Dia.			

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ROLLING STOCK CERTIFICATE

Form No. :

QMF4254;  
Version:  
05

1.	SHELL No:	<b>4006</b>	DISPATCH DATE:			<b>04.9.2014</b>
2.	RAILWAY	<b>ECOR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>14105</b>
3.	Booked to		<b>SSE/C&amp;W/VSKP</b>			
4.	Tare Weight of Coach :		<b>52.53 T</b>			
5.	Carrying Capacity :		Seating:	64	Sleeping:	64
					Luggage:	<b>NIL</b>
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 mm (AE63143)		
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		<b>1104/1102</b>	<b>1104/1103</b>	
viii)	Buffer/CBC (Make )			<b>RIL</b>		
ix)	Draw Gear (Make)			<b>EMSON</b>		
7.	Air Brake Testing:					
	Description			Specified		
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm <sup>2</sup> 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 <sup>2</sup>		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm <sup>2</sup> n 60 sec		No brake application		
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm <sup>2</sup> 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	<b>ADVANCE</b>	<b>86</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			SIL		
ii.	SEAT & BERTH			SAVITRI		
iii.	WATER TANKS			AMIT,MANOJ		
iv.	PVC			RESPONSIVE		
v.	FLOOR BOARD			NARBADA		
vi.	UIC VESTIBULE			KRP		
vii.	LAV. DOORS			SAVITRI		
viii.	LP SHEET			PL		
ix)	BIO- TOILET			RAIL FAB		
10	10.1	Modification/ Trial (if any):			<b>NIL</b>	
.	10.2	Deviations (if any):			<b>NIL</b>	



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Shell No.: 4006

Dispatch Date: 03-04-2014

## 5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	143128				143129			
Frame No.	UBLS-4227				UBLS-1011			
Axle No.	RWF-90335		V-9839		V-9604		U-4119	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	55039/0 9010	55278/0 9932	55303/0 9932	55104/0 9010	63168/ 06744	63151/0 6744	29318/0 0730	55038/0 9010
R.B. No.	B-0629	B-0626	B-0854	B-0849	B-1237	B-1251	B-0846	B-0863
R.B. Make	NBC		NBC		NBC		NBC	
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	6897,7630	6808,7527	AJT
2	SECONDARY VERTICAL DAMPER	10115,10366	10373,10323	GAB

## 5.2 MODIFICATION (IF ANY):

## 5.3 DEVIATION (IF ANY):