



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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**ROLLING STOCK CERTIFICATE**

Form No. : QMF4254; Version: 05

1.	SHELL No:	<b>4011</b>	DISPATCH DATE:			<b>30.08.2014</b>
2.	RAILWAY	<b>NFR</b>	Type:	<b>WGACCN</b>	Coach No.:	<b>14122</b>
3.	Booked to	<b>SSE/C&amp;W/GHY</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>1104/1104</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/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		<b>VIBGYOR</b>	<b>86/87</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>ESCORTS</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>	



Shell No.: 4011

Dispatch Date: 12-04-2014

**5.0. Details of Bogies:**

Items	Alarm side				Non Alarm Side			
Bogie No	143140				143141			
Frame No.	UBLS-4224				UBLS-4208			
Axle No.	RWF-103827		RWF-91441		V-9337		RWF-90951	
Wheel Diameter	917.00	917.50	918.00	918.00	917.50	917.00	917.50	918.00
Wheel Disc No.	03762/2 86	04179/3 69	04211/3 53	03794/2 04	03726/ 257	04106/3 70	04215/2 50	03959/2 04
R.B. No.	Y-1192	Y-1256	B-1003	B-0990	Y-1191	Y-1184	Y-1246	Y-1220
R.B. Make	FAG		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	13409,11336	13584,11472	PEW
2	SECONDARY VERTICAL DAMPER	9904,10334	9905,11472	GAB

**5.2 MODIFICATION (IF ANY):**

**5.3 DEVIATION (IF ANY):**



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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	4008	DISPATCH DATE:		04.9.2014
2.	RAILWAY	NFR	Type:	WGACCN	Coach No.: 14121
3.	Booked to	SSE/C&W/GHY			
4.	Tare Weight of Coach :	52.53 T			
5.	Carrying Capacity :	Seating: 64	Sleeping: 64	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 mm (AE63143)			
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm	1104/1104	1104/1104	
viii)	Buffer/CBC (Make )	RIL			
ix)	Draw Gear (Make)	EMSON			
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	87/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY		
8.3	INSUALTION		SATISFACTORY		
9.	Traceability of Furnishing Items:		Make		
i.	BRAKE EQUIPMENT		ESCORTS		
ii.	SEAT & BERTH		SAVITRI		
iii.	WATER TANKS		AMIT,SHIVALIK		
iv.	PVC		RESPONSIVE		
v.	FLOOR BOARD		NARBADA		
vi.	UIC VESTIBULE		KRP		
vii.	LAV. DOORS		SAVITRI		
viii.	LP SHEET		PUNJAB LAMINATE		
ix)	BIO- TOILET		OMAX		
10.	i	Modification/ Trial (if any):	NIL		
	ii	Deviations (if any):	NIL		



# रेल डिब्बा कारखाना, कपूरथला

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Shell No.: 4008

Dispatch Date: 10-04-2014

## 5.0. Details of Bogies:

Items	Alarm side				Non Alarm Side			
Bogie No	143134				143137			
Frame No.	UBLS-4217				AC-974			
Axle No.	RWF-108137		RWF-92579		7545		S-7255	
Wheel Diameter	917.00	917.00	917.00	917.50	917.50	918.00	918.00	918.00
Wheel Disc No.	04107/2 84	03965/2 85	04242/2 90	04162/2 20	03653/ 262	04096/2 66	03753/2 58	03990/3 30
R.B. No.	B-0571	B-0586	Y-1337	Y-1186	B-0604	B-0597	B-1001	B-0989
R.B. Make	NBC		FAG		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	7463,7466	7719,7675	AJT
2	SECONDARY VERTICAL DAMPER	10102,10403	10444,9870	GAB

## 5.2 MODIFICATION (IF ANY):

## 5.3 DEVIATION (IF ANY):

WGACCN-4008