



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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**ROLLING STOCK CERTIFICATE**

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4033	DISPATCH DATE			<b>08.9.2014</b>	
2.	Railway	SR	Type	<b>LWACCN</b>	Coach No.	<b>14108</b>	
3.	Booked to	<b>SSE/C&amp;W/PER</b>					
4.	Tare Weight of Coach	<b>45.6 T</b>					
5.	Carrying Capacity	Seating	72	Sleeping	72	Luggage	<b>NIL</b>
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
	6.1	Leading Dimensions:					
	i)	Maximum length over Body	23700+10/-0 mm				
	ii)	Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)				
	iii)	Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)				
	iv)	Buffer/CBC Height	Specified : 1105 +0 /-15 mm	1105	1105		
	v)	Buffer/CBC (Make )	<b>FAIVELEY</b>	<b>Fiba Device</b>	<b>NIL</b>		
7.	Air Brake Testing:		Description	Specified	Observed		
	7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm <sup>2</sup>	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 0.15 Kg/cm <sup>2</sup>	3.80		
			All Brake are applied	OK	OK		
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min	No brake application	OK		
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.	Brake must apply	OK		
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	<b>PU PAINT</b>	<b>NEROLAC</b>	<b>85/86</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	<b>FAIVELEY</b>				
	ii.	CDTS/ BIO TOILET	<b>AMIT</b>				
	iii.	SEATS/ BERTHS	<b>SAVITRI</b>				
	iv.	BODY SIDE DOOR	<b>JBM</b>				
	v.	VESTIBULE SLIDING DOOR	<b>JBM</b>				
	vi.	SALOON DOOR	<b>NA</b>				
	vii.	WATER TANKS	<b>AMIT, E C BLADES</b>				
	viii.	UIC VESTIBULE	<b>KRP</b>				
	ix.	<b>FLOOR BOARD</b>	<b>TAYAL</b>				
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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<b>12.</b>	<b>Bogie Details:</b>		<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>			
			4033	SR	LWACCN	14108	30-06-2014			
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	146418				146419			
	ii.	<b>Frame No.</b>	FIAT-2927				FIAT-3129			
	iii.	<b>Bolster No.</b>	047-HEI				157-HEI			
	iv.	<b>Axle No.</b>	128962/986		127933/988		126340/474		125704/479	
	v.	<b>Wheel Dia.</b>	915.00	915.00	915.00	915.00	915.50	915.00	916.00	916.50
	vi.	<b>Wheel Disc No.</b>	021-63307	255-11611	277-10582	175-10582	202-63307	051-63301	262-63301	036-10570
	vii.	<b>R.B. Nos.</b>	34437	34461	00329	00051	34314	00261	34435	34448
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING							
<b>12.2</b>	<b>Secondary suspension load deflection Values:</b>									
<b>Description</b>		Secondary 1		Secondary 2		Secondary 1		Secondary 2		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	<b>Make &amp; nos.</b>	G13-3-607	G13-3-43	G13-3-0603	G13-3-317	G13-3-0658	G13-3-4332	G13-3-8490	G13-3-4331	
ii.	<b>Ht. attest load</b>	513	465	514	467	511	462	511	467	
iii.	<b>Align .deviation</b>	20	22	19	20	19	20	17	18	
<b>12.3</b>	<b>Items traceability:</b>									
	<b>Sno.</b>	<b>Item</b>	<b>PP Side Bogie</b>			<b>NPP side Bogie</b>			<b>Make</b>	
	i.	Primary Outer Spring	G-12-8			G-13-8			GF	
	ii.	Primary inner Spring	G-12-5			G-13-5			GF	
	iii.	Primary Damper							SACHS	
	iv.	Secondary damper							GEREP	
	v.	Lateral Damper							SACHS	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper							FTI	
	viii.	Brake Disc							KBI	
	ix.	Ball joint Control arm							SGA	
	x.	Lateral Bump stop							GMT	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							GMT	
	xiv.	Traction centre elastic							SGA	
	xv.	Secondary rubber pad							TESPAK	
	xvi.	Rubber spring							GMT	
	xvii.	Anti roll bar make							EMSON	
	xviii.	Ball joint roll link							SARITA	
	xix.	Fork make							SARITA	
12.4	i.	Modification / Trial (if any):							NIL	
	ii.	Deviations (if any):							NIL	