



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4023	DISPATCH DATE				10.10.2014
2.	Railway	SWR	Type	LWACCW	Coach No.	14068	
3.	Booked to	SSE/C&W/SBC					
4.	Tare Weight of Coach	52					
5.	Carrying Capacity	Seating	52	Sleeping	52	Luggage	NIL
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 )	ESCORTS	Fiba Device	NIL			
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>	3.00			
		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	PU PAINT	VIBGYOR	87/87			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					KBI	
ii.	CDTS/ BIO TOILET					DARSHAN	
iii.	SEATS/ BERTHS					SAVITRI	
iv.	BODY SIDE DOOR					JBM, RAIL TECH	
v.	VESTIBULE SLIDING DOOR					JBM	
vi.	COMPTT.DOOR					SUKATA	
vii.	WATER TANKS					AMIT, SHIVALIK & E C BLADES	
viii.	UIC VESTIBULE					CEMCON	
ix	FLOOR BOARD					TAYAL	
X	PVC					RESPONSIVE	
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>	
			4023		SWR		LWACCW		14068		09-06-14	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	146512						146513			
	ii.	<b>Frame No.</b>	FIAT-2929						FIAT-3185			
	iii.	<b>Bolster No.</b>	3867-P						3864-P			
	iv.	<b>Axle No.</b>	Y-8725			Z-3593			RWF-109702		RWF-109660	
	v.	<b>Wheel Dia.</b>	916.00	916.00	917.00	916.50	917.50	918.00	915.50	915.00		
	vi.	<b>Wheel Disc No.</b>	314-10533	130-10583	073-10533	169-10533	131-48032	035-51916	324-51916	232-51915		
	vii.	<b>R.B. Nos.</b>	03614	77358	11780	77332	06871	91580	91956	12371		
	viii.	<b>R.B. Make</b>	SKF			SKF			SKF		SKF	
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
<b>12.2</b>	<b>Secondary suspension load deflection Values:</b>											
<b>Description</b>		<b>Secondary 1</b>		<b>Secondary 2</b>		<b>Secondary 1</b>		<b>Secondary 2</b>				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner			
i.	<b>Make &amp; nos.</b>	BPS-2013-27	BPS-2013-147	BPS-2013-16	BPS-2013-118	BPS-2013-9	BPS-2013-095	BPS-2013-40	BPS-2013-171			
ii.	<b>Ht. attest load</b>	509	468	507	468	510	465	507	466			
iii.	<b>Align .deviation</b>	4	29	8	28	9	22	9	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			BPS-2013		BPS-2013		BPS			
	ii.	Primary inner Spring			BPS-2013		BPS-2013		BPS			
	iii.	Primary Damper							GEREP			
	iv.	Secondary damper							GEREP			
	v.	Lateral Damper							GEREP			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							KBI			
	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							EMSON			
12.4	i.	<b>Modification / Trial (if any):</b>				NIL						
	ii.	<b>Deviations (if any):</b>				NIL						

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