



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5006	DISPATCH DATE				27.08.2015
2.	Railway	SER	Type	LWCBAC	Coach No.	148802	
3.	Booked to	SSE/C&W/SRC					
4.	Tare Weight of Coach	40.9 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	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	3.80 ± 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	PU PAINT	GS	87/88			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:	Make					
i.	BRAKE EQUIPMENT	FAIVELEY					
ii.	CDTS/ BIO TOILET	RAIL TECH					
iii.	SEATS/ BERTHS	AAR KAY FOAMS					
iv.	BODY SIDE DOOR	JBM, SUKATA					
v.	VESTIBULE SLIDING DOOR	KALSI					
vi.	SALOON DOOR	KALSI					
vii.	WATER TANKS	E C BLADES, SHIVALIK,KUTEER					
viii.	UIC VESTIBULE	FRIKMART					
ix	FLOOR BOARD	TAYAL					
X	PVC	RESPONSIVE					
Xi	LP SHEET						
10.							
10.1	Modification / Trail (if any):	NIL					
10.2	Deviations if any:	NIL					



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Page 2 of 3

11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5006		SER		LWBAC		148802		12-08-2015	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	156584						156586			
	ii.	<b>Frame No.</b>	FIAT-3965						FIAT-4231			
	iii.	<b>Bolster No.</b>	4956-VT						4983-VT			
	iv.	<b>Axle No.</b>	125830/477			C-4728			125857/477		C-4593	
	v.	<b>Wheel Dia.</b>	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	
	vi.	<b>Wheel Disc No.</b>	219-51777	110-50792	082-10568	295-10568	340-11610	264-11611	211-63301	165-10579		
	vii.	<b>R.B. Nos.</b>	22791	22792	22054	01602	22794	01597	22815	01592		
	viii.	<b>R.B. Make</b>	SKF			SKF			SKF		SKF	
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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>				
		<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>			
i.	<b>Make &amp; nos.</b>	DN-12-3-285	G-12-11-3688	DN-12-3-3144	G-12-11-3676	DN-12-3-8681	G-12-11-3715	DN-12-9-2154	G-12-11-4131			
ii.	<b>Ht. at test load</b>	502	466	502	467	505	466	504	465			
iii.	<b>Align .deviation</b>	16	19	17	23	13	13	14	15			
11.3	<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			RSK-14-05			RSK-14-05			RSK	
	ii.	Primary inner Spring			RSK-14-05			RSK-14-05			RSK	
	iii.	Primary Damper			23516,24842,24921,24645			23528,23669,23496,24961			KONI	
	iv.	Secondary damper			4879,4776			4629,4494			KONI	
	v.	Lateral Damper			85			46			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			15112/600,15036/600,15103/600,15040/600			15014/600,15075/600,15045/600,15059/600			FTI	
	viii.	Brake Disc									FTI,KBI	
	ix.	Ball joint Control arm									GMT	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									GMT,MGN	
	xiv.	Traction centre elastic									MGN,GMT	
	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	
11.4	i.	<b>Modification / Trial (if any):</b>										NIL
	ii.	<b>Deviations (if any):</b>										NIL

LWCBAC-5006