



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4009	DISPATCH DATE			13.8.2014
2.	Railway	SE	Type	LWCBAC	Coach No.	148801
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 ²	6 –10 sec	6 Sec	
			Max Pressure in BC	3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied	OK	OK	
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min	No brake application	OK	
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.	Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	GS	88/87	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:		Make			
	i.	BRAKE EQUIPMENT	FAVELLY			
	ii.	CDTS/ BIO TOILET	AMIT			
	iii.	SEATS/ BERTHS	AAR KAY FOAMS			
	iv.	BODY SIDE DOOR	JBM			
	v.	VESTIBULE SLIDING DOOR	JBM			
	vi.	SALOON DOOR	KALSI			
	vii.	WATER TANKS	AMIT			
	viii.	UIC VESTIBULE	KRP			
	ix	FLOOR BOARD	TAYAL			
	X	PVC FLOORING	RESPONSIVE			
10	10.1	Modification / Trail (if any):				NIL
	10.2	Deviations if any:				NIL



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12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date		
			4009		SER		LWCBAC		148801		14-06-14		
12.1	Wheel & Axle Details:		PP Side					NPP Side					
	i.	Bogie No.	146405					146429					
	ii.	Frame No.	FIAT-3112					FIAT-3131					
	iii.	Bolster No.	3586-P					051-HEI					
	iv.	Axle No.	Z-3860		Z-3594		Z-3749		Z-3917				
	v.	Wheel Dia.	915.00	915.00	915.00	915.00	915.00	915.00	916.00	916.00			
	vi.	Wheel Disc No.	077-63309	096-10568	163-10533	084-63309	099-10579	222-63301	239-10533	278-11611			
	vii.	R.B. Nos.	00093	00224	34394	00301	34269	34149	34146	00139			
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN				
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING										
12.2	Secondary suspension load deflection Values:												
Description		Secondary 1			Secondary 2			Secondary 1		Secondary 2			
		Outer	Inner		Outer	Inner		Outer	Inner		Outer	Inner	
i.	Make & nos.	DN-12-8-2036	G-13-4-4376		DN-12-8-2794	G-13-4-4324		G-12-6A-1750	G-12-10B-4176		G-12-6A-1748	G-12-108-4182	
ii.	Ht. attest load	507	467		506	467		511	464		511	465	
iii.	Align .deviation	16	4		13	7		3	10		1	8	
12.3	Items traceability:												
Sno.		Item			PP Side Bogie			NPP side Bogie			Make		
i.		Primary Outer Spring			L&S-02-13			L&S-02-13			L&S		
ii.		Primary inner Spring			L&S-05-12			L&S-05-12			L&S		
iii.		Primary Damper									KONI		
iv.		Secondary damper									GEREP		
v.		Lateral Damper									GEREP		
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									SARITA		
xviii.		Ball joint roll link									SARITA		
xix.		Fork make									EMSON		
12.4		i.			Modification / Trial (if any):			NIL					
		ii.			Deviations (if any):			NIL					