



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			7.6.2014	
2.	Railway	SEC	Type	LWACCW	Coach No.	14052	
3.	Booked to	SSE/C&W/BSP					
4.	Tare Weight of Coach	44.6 T					
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 ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.00 ± 0.15 Kg/cm ²	3.00	
			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		VIBGYOR	90	
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				AMIT		
iii.	SEATS/ BERTHS				MOHAN		
iv.	BODY SIDE DOOR				JBM		
v.	VESTIBULE SLIDING DOOR				JBM		
vi.	SALOON DOOR				SUKATA		
vii.	WATER TANKS				AMIT & SHIVALIK		
viii.	UIC VESTIBULE				KRP		
ix	FLOOR BOARD				TAYAL		
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	SEC	LWACCW	14052	09-5-14			
12.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	146390				146391			
	ii.	Frame No.	FIAT-3098				FIAT-3073			
	iii.	Bolster No.	020-HEI				055-HEI			
	iv.	Axle No.	W-4596		RWF-109679		RWF-110251		W-4576	
	v.	Wheel Dia.	915.50	915.50	916.00	916.00	915.00	915.50	915.00	915.00
	vi.	Wheel Disc No.	025-51915	322-51915	070-63302	026-63302	076-63309	075-63309	143-63301	222-51910
	vii.	R.B. Nos.	12410	03796	12241	92020	12272	11672	12385	12408
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	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.	CMGBD-12-5-96	CMGBD-12-5-162	CMGBD-12-5-171	CMGBD-12-5-156	CMGBD-2-5-94	CMGBD-2-5-124	CMGBD-12-5-164	CMGBD-12-5-155	
ii.	Ht. attest load	510	468	512	468	508	468	509	468	
iii.	Align .deviation	29	23	25	23	24	26	24	24	
12.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	HZ		HZ		HZ			
	ii.	Primary inner Spring	HZ		HZ		HZ			
	iii.	Primary Damper					GEREP			
	iv.	Secondary damper					GEREP			
	v.	Lateral Damper					SACHS			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper					KBI			
	viii.	Brake Disc					FTI			
	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					SGA			
	xiv.	Traction centre elastic					GMT			
	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			