



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4011	DISPATCH DATE			3.7.2014	
2.	Railway	SEC	Type	LWSCN1	Coach No.	14207	
3.	Booked to	SSE/C&W/BSP					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	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 )		FAIVELEY		Fiba Device	NA	
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		NEROLAC	86/87	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
i	BRAKE EQUIPMENT			FAIVELEY			
ii	SEAT & BERTH			GANDHI			
iii	BODY SIDE DOORS			JBM & SUKATA			
iv	WATER TANKS			E C BLADE, AMIT & SHIVALIK			
v	FLOOR BOARD			TAYAL			
vi	PVC FLOORING			RESPONSIVE			
vii	UIC VESTIBULE			KRP			
viii	VESTIBULE SLIDING DOOR			JBM			
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	
			4011		SECR		LWSCN1		14207		30-05-14	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	146357						146283			
	ii.	Frame No.	FIAT-3046						FIAT-2499			
	iii.	Bolster No.	3799-GT						3702-VT			
	iv.	Axle No.	RWF-110255			RWF-109895			W-4539		T-4523	
	v.	Wheel Dia.	918.00	918.00	918.00	917.50	918.00	918.00	917.50	917.50		
	vi.	Wheel Disc No.	353-63301	147-63309	010-63309	214-63309	127-63302	007-63307	232-51908	189-51916		
	vii.	R.B. Nos.	08238	40848	12472	08241	77244	12566	09351	09329		
	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.		G-12-13-281	G-11-13-148	G-12-13-277	G-11-13-191	G12-13-196	G12-13-342	G-12-13-111	G-12-13-402		
ii.	Ht. attest load		513	468	515	470	513	471	515	469		
iii.	Align .deviation		1	15	3	18	3	17	3	16		
12.3	Items traceability:											
	S no.	Item			PP Side Bogie			NPP side Bogie		Make		
	i.	Primary Outer Spring			G-13-11			G-13-11		GF		
	ii.	Primary inner Spring			G-13-11			G-13-11		GF		
	iii.	Primary Damper								GEREP		
	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								EMSON		
	xviii.	Ball joint roll link								SARITA		
	xix.	Fork make								EMSON		
12.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LWSCN-4011