



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4006	DISPATCH DATE			06.9.2014	
2.	Railway	CR	Type	LWFAC	Coach No.	14001	
3.	Booked to			SSE/C&W/CSTM			
4.	Tare Weight of Coach			43.6 T			
5.	Carrying Capacity	Seating	24	Sleeping	24	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	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	NEROLAC	87/87		
	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				AMIT	
	iii.	SEATS/ BERTHS				AAR KAY FOAMS	
	iv.	BODY SIDE DOOR				JBM	
	v.	VESTIBULE SLIDING DOOR				JBM	
	vi.	SALOON DOOR				JBM	
	vii.	WATER TANKS				AMIT	
	viii.	UIC VESTIBULE				KRP	
	ix	FLOOR BOARD				TAYAL	
	x	PVC FLOORING				RESPONSIVE	
10.							
	i	Modification / Trail (if any):			NIL		
	ii	Deviations if any:			NIL		



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12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			4006		CR		LWFAC		14001		13-5-14	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	146432						146433			
	ii.	Frame No.	FIAT-2745						FIAT-3134			
	iii.	Bolster No.	3758-VT						3823-P			
	iv.	Axle No.	RWF-109802			W-4593			RWF-110527		RWF-109459	
	v.	Wheel Dia.	917.00	917.00	916.50	917.00	917.00	916.50	917.00	916.50		
	vi.	Wheel Disc No.	258-63307	190-63309	163-51910	108-51912	037-63309	071-63309	043-63309	144-63309		
	vii.	R.B. Nos.	06952	07138	06944	09108	11999	12557	06940	06943		
	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-10-12-51425	CMGBD-12-5-55338	CMGBD-10-12-51425	CMGBD-12-5-55338	CMGBD-10-12-51425	CMGBD-12-5-55338	CMGBD-10-12-51425	CMGBD-12-5-55338	CMGBD-10-12-51425	CMGBD-12-5-55338
ii.			Ht. attest load	509	468	510	466	510	464	512	468	
iii.	Align .deviation	15	26	15	25	15	28	17	27			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			HZ-12			HZ-12			HZ	
	ii.	Primary inner Spring			HZ-12			HZ-12			HZ	
	iii.	Primary Damper									SACHS	
	iv.	Secondary damper									SACHS	
	v.	Lateral Damper									SACHS	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper									FTI	
	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									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				