



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5008	DISPATCH DATE				16.09.2015
2.	Railway	SER	Type	LWLRRM	Coach No.		148854
3.	Booked to			SSE/C&W/SRC			
4.	Tare Weight of Coach			53.4 T			
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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 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		GS	87	
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			FAIVELEY		
	iii.	CDTS			AIR FLOW		
	iv.	SEATS/S&B			GANDHI		
	v.	BODY SIDE DOOR			JBM		
	vi.	VESTIBULE SLIDING DOOR			KALSI		
	vii.	CREW-GEN & GUARD ROOM DOOR			CP/CP		
	viii.	WATER TANKS			SHIVALIK, KUTEER		
	ix	FUEL TANK			GAURAV		
	x	UIC VESTIBULE			FRIKMART		
	XI	FLOOR BOARD			TAYAL		
	XII	PVC			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	
			5008		SER		LWLRRM		148854		22-04-2015	
12.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)					LPC-II NPP Side (Non guard)				
	i.	Bogie No.	156319					156318				
	ii.	Frame No.	FIAT-3820					ECBT-955				
	iii.	Bolster No.	4715-VT					4710-VT				
	iv.	Axle No.	126383/474		129227/992		128950/986		128075/984			
	v.	Wheel Dia.	916.00	916.00	918.00	918.00	916.00	916.00	916.00	916.00		
	vi.	Wheel Disc No.	305-10579	213-10583	326-10533	241-10579	254-10582	047-63309	123-10570	244-63305		
	vii.	R.B. Nos.	01739	01737	02777	04578	02716	01778	03295	01269		
	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.	G-10-12-253	G-10-12-141	G-10-12-250	G-10-12-214	FSK-15-03-26	G-09-12-344	FSK-15-03-26	G-09-12-343			
ii.	Ht. attest load	510	567	510	467	515	471	515	471			
iii.	Align .deviation	9	8	12	10	6	14	7	15			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			YR-13-11		YR-13-11		YR			
	ii.	Primary inner Spring			FSK-14-05		FSK-14-05		FSK			
	iii.	Primary Damper			826,816,051,588		165,838,810,822		GEREP			
	iv.	Secondary damper			758,726		899,858		GEREP			
	v.	Lateral Damper			2754		2807		KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper			A13077/2000,141281/2000,141273/2000,144433/2000		141292/2000,088288/2000,141416/2000,NIL		FTI			
	viii.	Brake Disc							FTI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							GMT			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							GMT,SGA			
	xiv.	Traction centre elastic							SGA,GMT			
	xv.	Secondary rubber pad							TESPAK			
	xvi.	Rubber spring							GMT			
	xvii.	Anti roll bar make							EMSON			
	xviii.	Ball joint roll link							SARITA,EMSON			
	xix.	Fork make							EMSON			
12.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

LPC-5008

