



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5017	DISPATCH DATE				13.11.2015
2.	Railway	NR	Type	LWLRRM	Coach No.	153853	
3.	Booked to	SSE/C&W/GKP					
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)	ESCORTS	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	VIBGYOR	86		
	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			AMIR CHAND		
	v.	BODY SIDE DOOR			JBM, SUKATA		
	vi.	VESTIBULE SLIDING DOOR			KALSI		
	vii.	CREW-GEN & GUARD ROOM DOOR			CP/CP		
	viii.	WATER TANKS			E C BLADES & MANOJ		
	ix	FUEL TANK			GAURAV		
	x	UIC VESTIBULE			ESCORTS		
	XI	FLOOR BOARD			NARBADA		
	XII	PVC			RESPONSIVE		
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5017		NR		LWLRRM		153853/C		08-09-2015	
11.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)						LPC-II NPP Side (Non guard)			
	i.	Bogie No.	156565						156564			
	ii.	Frame No.	FIAT-4193						FIAT-4136			
	iii.	Bolster No.	4900-VT						4684-VT			
	iv.	Axle No.	128973/986			128816/990			C-4455		125886/477	
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	916.00	916.00	917.00	917.00		
	vi.	Wheel Disc No.	6197-00126	6213-00108	6149-00048	6198-00019	6198-00169	6148-00006	6252-00044	6198-00083		
	vii.	R.B. Nos.	06076	04413	03329	03558	03831	04120	03771	04244		
	viii.	R.B. Make	TIM			TIM			TIM		TIM	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	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-13-5-114	G-12-10-216	G-13-5-120	G-12-10-244	G-15-4-040	G-12-9-179	G-15-4-089	G-12-9-163			
ii.	Ht. at test load	512	467	512	466	514	470	513	469			
iii.	Align .deviation	3	5	7	6	17	9	18	15			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			L&S-12-5		L&S-12-5		L&S			
	ii.	Primary inner Spring			G-15-3		G-15-3		GF			
	iii.	Primary Damper			789,720,506,698		820,768,759,723		GEREP			
	iv.	Secondary damper			561,955		1159,1104		GEREP			
	v.	Lateral Damper			866		4940		GEREP			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							FTI			
	viii.	Brake Disc							FTI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							MGN			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							GMT			
	xiv.	Traction centre elastic							GMT			
	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			
11.4	i.	Modification / Trial (if any):			TREAD CLEANING UNIT PROVIDED							
	ii.	Deviations (if any):			NIL							

LPC-5017