



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4030	DISPATCH DATE			06.01.2015	
2.	Railway	SECR	Type	LWLRRM	Coach No.	14858	
3.	Booked to	SSE/C&W/BSP					
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	87		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			KBI			
iii.	CDTS			AIKON			
iv.	SEATS/S&B			RCF			
v.	BODY SIDE DOOR			JBM			
vi.	VESTIBULE SLIDING DOOR			KALSI			
vii.	CREW-GEN & GUARD ROOM DOOR			JBM/JBM			
viii.	WATER TANKS			SHIVALIK			
ix	FUEL TANK			GAURAV			
x	UIC VESTIBULE			CEMCON			
XI	FLOOR BOARD			TAYAL			
XII	PVC			RESPONSIVE			
10.	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	
			4030		SECR		LWLRRM		14858		27-11-2014	
12.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)					LPC-II NPP Side (Non guard)				
	i.	Bogie No.	146982					146981				
	ii.	Frame No.	FIAT-3578					FIAT-3592				
	iii.	Bolster No.	4381-VT					4362-VT				
	iv.	Axle No.	127813/987		T-4554			106686/632		Z-3601		
	v.	Wheel Dia.	915.00	915.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	Wheel Disc No.	169-62314	198-63302	338-63305	272-16339	076-11603	212-11596	225-10568	105-10533		
	vii.	R.B. Nos.	31098	32095	03034	32045	36735	31603	32254	31306		
	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-12-9-240	G-12-9-156	G-12-9-250	G-12-9-167	CMGBD-38-836	G-12-6-35	CMGBD-38-836	G-12-6-334			
ii.	Ht. attest load	510	468	512	467	510	468	512	470			
iii.	Align .deviation	6	11	5	13	8	14	8	14			
12.3	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			L&S-13-2		L&S-13-2		L&S			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							SACHS			
	v.	Lateral Damper							KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							KBI			
	viii.	Brake Disc							KBI			
	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			
	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					

LPC-4030