



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4017	DISPATCH DATE			17.04.2015	
2.	Railway	SER	Type	LWCBAC	Coach No.	148805	
3.	Booked to	SSE/C&W/SRC					
4.	Tare Weight of Coach	40.9 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	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)	ESCORTS	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	3.80 ± 0.15 Kg/cm ²	3.80		
			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	86/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
	i.	BRAKE EQUIPMENT			KBI		
	ii.	CDTS/ BIO TOILET			AIKON		
	iii.	SEATS/ BERTHS			AAR KAY FOAMS		
	iv.	BODY SIDE DOOR			SUKATA		
	v.	VESTIBULE SLIDING DOOR			KALSI		
	vi.	SALOON DOOR			KALSI		
	vii.	WATER TANKS			AMIT & SHIVALIK		
	viii.	UIC VESTIBULE			CEMCON		
	ix	FLOOR BOARD			TAYAL		
	X	PVC			PREMIER POLYFILM		
	Xi	LP SHEET			NA		
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	
			4017		SER		LWCBAC		148805		30-01-2015	
12.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	156092					156093				
	ii.	Frame No.	FIAT-3761					FIAT-3694				
	iii.	Bolster No.	4326-VT					4185-GT				
	iv.	Axle No.	C-0003		C-4200			B-9692		C-0041		
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	Wheel Disc No.	07742-00001	07745-00001	262-10582	285-63309	285-63307	180-63301	069-63307	116-10583		
	vii.	R.B. Nos.	02755	03065	02937	02760	02964	02615	02799	02695		
	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.	CMGBD-12-10-51425-187	HZ-13-083	CMGBD-12-10-51425-49	HZ-13-081	CMGBD-12-10-51425-163	HZ-13-023	CMGBD-12-10-51425-93	HZ-13-107			
ii.	Ht. attest load	507	463.8	512	463.8	512	463.4	507	464.3			
iii.	Align .deviation	29	46	33	51.2	20	45.1	18	43.8			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			CMRSK-13F-02R-2891			CMRSK-13F-02R-2891			CMRSK	
	ii.	Primary inner Spring			CMRSK-14F-03R-1702			CMRSK-14F-03R-1702			CMRSK	
	iii.	Primary Damper									KONI	
	iv.	Secondary damper									GEREP	
	v.	Lateral Damper									GEREP	
	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	

LWCBAC-4017