



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4023	DISPATCH DATE			20.1.2015	
2.	Railway	SCR	Type	LWCBAC	Coach No.	14801	
3.	Booked to			SSE/C&W/SC			
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	VIBGYOR	89/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT	FAVELLY				
	ii.	CDTS/ BIO TOILET	AMIT				
	iii.	SEATS/ BERTHS	AAR KAY FOAMS				
	iv.	BODY SIDE DOOR	JBM				
	v.	VESTIBULE SLIDING DOOR	JR				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	AMIT & SHIVALIK				
	viii.	UIC VESTIBULE	CEMCON				
	ix	FLOOR BOARD	TAYAL				
	X	PVC	RESPONSIVE				
	Xi	LP SHEET					
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	
			4023		SCR		LWCBAC		14801		16-08-2014	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	136879						146701			
	ii.	Frame No.	FIAT-2540						FIAT-3271			
	iii.	Bolster No.	057GT/ASR						4099-GT			
	iv.	Axle No.	126112/471			Z-3044			Z-3121		125623/377	
	v.	Wheel Dia.	917.00	917.00	916.00	916.00	917.00	917.50	917.00	917.00		
	vi.	Wheel Disc No.	028-10570	016-11600	064-11600	317-11605	083-10570	068-10570	100-10563	248-11600		
	vii.	R.B. Nos.	00640	00510	36251	36323	36502	36316	36397	362008		
	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.	CMFSK-01-13-82	CMFSK-12-13-84	CMFSK-0-13-83	CMFSK-12-12-92	CMFSK-13-10-1395	CMFSK-13-10-169	CMFSK-13-10-144	CMFSK-13-10-NIL			
ii.	Ht. attest load	512	465	510.5	465	509	467	507	468			
iii.	Align .deviation	16	37	18	35	18	28	20	25			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			RSK-2-13		RSK-2-13		RSK			
	ii.	Primary inner Spring			RSK-10-13		RSK-10-13		RSK			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							SACHS			
	v.	Lateral Damper							SACHS			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							FTI			
	viii.	Brake Disc							KBI			
	ix.	Ball joint Control arm							GMT			
	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							SARITA			
	xviii.	Ball joint roll link							SARITA			
	xix.	Fork make							EMSON			
12.4	i.	Modification / Trial (if any):				NIL						
	ii.	Deviations (if any):				NIL						

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