



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4025	DISPATCH DATE			8.8.2014	
2.	Railway	SR	Type	LWACCN	Coach No.	14103	
3.	Booked to	SSE/C&W/PER					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	3.00 ± 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	NEROLAC	88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
	i.	BRAKE EQUIPMENT			FAIVELEY		
	ii.	CDTS/ BIO TOILET			AIKON		
	iii.	SEATS/ BERTHS			SAVITRI		
	iv.	BODY SIDE DOOR			SUKATA & JBM		
	v.	VESTIBULE SLIDING DOOR			JBM		
	vi.	SALOON DOOR			J R INDUSTRIES		
	vii.	WATER TANKS			AMIT & SHIVALIK		
	viii.	UIC VESTIBULE			KRP		
	ix	FLOOR BOARD			NARBADA		
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			
			4025	SR	LWACCN	14103/C	28-06-2014			
12.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	146406				146409			
	ii.	Frame No.	FIAT--3103				FIAT-3113			
	iii.	Bolster No.	138-HEI				073-HEI			
	iv.	Axle No.	128494/983		129188/992		129364/982		128442/985	
	v.	Wheel Dia.	916.00	915.50	915.00	915.00	915.00	915.00	915.00	915.00
	vi.	Wheel Disc No.	058-63309	250-63305	259-63305	076-63301	345-63305	291-63302	218-63302	246-10582
	vii.	R.B. Nos.	34313	34508	00031	00237	34539	00275	34191	00268
	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-13-3-0588	G-13-3-4467	G-13-3-0710	G-13-3-442	G-13-3-0656	G-13-3-4437	G-13-3-0687	G-13-3-4460	
ii.	Ht. attest load	511	467	512	467	513	467	512	467	
iii.	Align .deviation	20	12	20	11	19	1	22	3	
12.3	Items traceability:									
	S no.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			G-13-3		G-13-3		GF	
	ii.	Primary inner Spring			G-12-5		G-12-5		GF	
	iii.	Primary Damper							SACHS	
	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							SGA	
	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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