



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	3037	DISPATCH DATE			1.5.2014	
2.	Railway	SR	Type	LWLRRM	Coach No.	13853	
3.	Booked to	SSE/C&W/PER					
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	1100	
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	88	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				FAIVELEY		
iii.	CDTS				AIKON		
iv.	SEATS/S&B				AMIR CHAND		
v.	BODY SIDE DOOR				JVR		
vi.	VESTIBULE SLIDING DOOR				JBM		
vii.	CREW-GEN & GUARD ROOM DOOR				JBM/JBM		
viii.	WATER TANKS				AMIT & SHIVALIK		
ix	FUEL TANK				OMAX		
x	UIC VESTIBULE				KRP		
10.							
10.1	Modification / Trail (if any):			NIL			
10.2	Deviations if any:			NIL			



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Shell No.:- 3037

Date: 01-03-2014

RLY	SR	Type	LWLRRM	Coach No.	13853
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6.0 Wheel & Axle details:

Items	LPC- I (PP side)				LPC- II (NPP side)			
Bogie No.	146162				146163			
Frame No.	FIAT-2948				FIAT-2949			
Bolster No.	3667VT				3647GT			
Axle No.	R-2301		S-6333		RWF-109383		RWF-109983	
Wheel Dia	918.00	918.00	918.00	918.00	917.50	917.00	917.50	918.00
Wheel Disc No.	244-50842	289-50792	0284-50800	171-50846	296-51781	023-50857	330-51910	030-50857
R.B. Nos.	05534	03793	04722	03529	06619	04677	04697	05574
R. B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
RB Type	CARTRIDGE TAPER ROLLER BEARING							

6.1 Secondary suspension load deflection Values:

Description	Bogie PP side				Bogie NPP side			
	Secondary 1		Secondary 2		Secondary 1		Secondary 2	
	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
Make & nos.	G-12-10-149	G12-10-190	G12-10-134	G12-10-197	G13-4-665	DN12-03-208	G13-4-0670	DN12-3-217
Compressed ht. at tested load	510	468	508	468	0513	468	512	468
Align deviation	8	8	7	8	17	10	20	12

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	L&S-2-13	L&S-2-13	L&S
2	Primary inner Spring batch no	G-12-5	G-12-5	GF
3	Primary Damper			SV
4	Secondary damper			SACHS
5	Lateral Damper			KONI
6	Brake cylinder & Caliper	141258/2000,141288/2000,141256/2000,141286/2000	141265/2000,141242/2000,141268/2000,141240/2000	FTI
7	Brake Disc			FTI
8	Ball joint Control arm			GMT
9	Lateral Bump stop			GMT
10	Traction center make			SARITA
11	Traction lever make			SARITA
12	Ball joint traction lever			GMT
13	Ball joint Traction centre			GMT
14	Secondary rubber pad			TECSPA
15	Rubber spring			GMT
16	Anti roll bar make			SARITA
17	Roll link make			SARITA
18	Fork make			EMSON