



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	3024	DISPATCH DATE			30.5.2014	
2.	Railway	SEC	Type	LWLRRM	Coach No.	13855	
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	NEROLAC	80		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAIVELEY			
	iii.	CDTS		AMIT			
	iv.	SEATS/S&B		GANDHI			
	v.	BODY SIDE DOOR		MOHAN RAIL & JBM			
	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.:-3024

Date: 31-03-2014

RLY	SEC	Type	LWLRRM	Coach No.	13855
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6.0 Wheel & Axle details:

Items	LPC- I (PP side)				LPC- II (NPP side)			
Bogie No.	146164				146165			
Frame No.	FIAT-2872				FIAT-2578			
Bolster No.	3500-VT				3212-GT			
Axle No.	RWF-110124		W-4569		T-2350		H-3433	
Wheel Diameter	917.50	918.00	917.50	918.00	918.00	918.00	918.00	918.00
Wheel Disc No.	243-51781	166-51781	275-50842	126-50800	171-50859	092-50842	196-50843	019-50842
R.B. Nos.	05032	03407	04983	03311	05036	05022	05047	05013
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-13-5-093	G-13-5-171	G-13-5-117	G-13-5-162	G-13-4-0711	G-12-9-354	G-13-4-0703	G-12-9-345
Compressed ht. at tested load	512	468	511	468	512	471	513	471
Align deviation	12	12	13	17	16	15	15	18

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	G-12-4	G-12-4	GF
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	141255/2000,141284/2000,141251/2000,141278/2000	141257/2000,141238/2000,141254/2000,141233/2000	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			TECSPAK
15	Rubber spring			GMT
16	Anti roll bar make			SARITA
17	Roll link make			SARITA
18	Fork make			EMSON

LPC-3024