



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	3036	DISPATCH DATE			1.5.2014
2.	Railway	NF	Type	LWLRRM	Coach No.	13852
3.	Booked to	SSE/C&W/GHY				
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	VIBGYOR	90	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:		Make			
	i.	BRAKE EQUIPMENT	KBI			
	iii.	CDTS	AMIT			
	iv.	SEATS/S&B	AMIR CHAND			
	v.	BODY SIDE DOOR	JVR & 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.:- 3036

Date: 05-03-2014

RLY	NF	Type	LWLRRM	Coach No.	13851
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6.0 Wheel & Axle details:

Items	LPC- I (PP side)				LPC- II (NPP side)			
Bogie No.	146108				146110			
Frame No.	FIAT-2851				FIAT-2840			
Bolster No.	3581-P				3218-GT			
Axle No.	S-6377		RWF-109145		R-2238		S-6547	
Wheel Diameter	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00
Wheel Disc No.	077-46889	062-51781	107-50843	245-51781	097-46820	108-48743	079-48743	209-50843
R.B. Nos.	03633	04730	04785	04742	03682	04706	03555	04680
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.	G12-9-244	G12-9-164	G-12-9-186	G12-9-182	DN-13-1-1587	G12-9-328	DN-13-1-1445	G12-9-366
Compressed ht. at tested load	510	468	510	467	511	468	507	468
Align deviation	6	11	4	7	7	9	11	8

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	G-4-12	L&S-5-12	GF,L&S
2	Primary inner Spring batch no	G-5-12	G-5-12	GF
3	Primary Damper			SV
4	Secondary damper			SACHS
5	Lateral Damper			SACHS
6	Brake cylinder & Caliper	G-2758/261,G-8208/261, G-2757/261,G-8208/261	G-8209/261,G-2111/261, G-8211/261,G-2124/261	KBI
7	Brake Disc			FTI
8	Ball joint Control arm			SGA
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			SGA
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-3036