



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	3050	DISPATCH DATE			26.4.2014	
2.	Railway	SEC	Type	LS3	Coach No.	14401	
3.	Booked to	SSE/C&W/BSP					
4.	Tare Weight of Coach	40.665 T					
5.	Carrying Capacity	Seating	100	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	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	87/90		
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:			Make			
I	BRAKE EQUIPMENT			FAIVELEY			
li	SEAT & BERTH			AAR KAY FOAMS			
lii	BODY SIDE DOORS			JBM			
lv	WATER TANKS			RUBICON			
v	FLOOR BOARD			TAYAL			
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		

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Shell No.:- 3050

Date: 17-04-2014

RLY	SEC	Type	LS	Coach No.	14401
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6.0 Wheel & Axle details:

Items	PP Side				Non PP Side			
Bogie No.	146286				146287			
Frame No.	FIAT-2192				FIAT-2546			
Bolster No.	3754-VT				3390-P			
Axle No.	RWF-110200		RWF-110128		RWF-110500		RWF-110194	
Wheel Diameter	917.00	917.00	917.50	918.00	916.00	916.00	918.00	918.00
Wheel Disc No.	331-51781	274-50798	025-48743	249-51912	202-51777	267-50792	268-50843	236-50854
R.B. Nos.	09235	09309	07264	07319	08280	08616	08017	79081
R. B. Make	SKF		SKF		SKF		SKF	
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-13-12-274	G-13-12-301	G-13-12-193	G-13-12-415	G-13-12-177	G-13-12-300	G-13-12-283	G-13-12-304
Ht. Attest Load	514	470	513	471	513	471	513	471
Align. deviation	3	18	1	13	5	17	3	16

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	G-11-13	G-11-13	GF
2	Primary inner Spring batch no	G-11-13	G-11-13	GF
3	Primary Damper			GEREP
4	Secondary damper			GEREP
5	Lateral Damper			KONI
6	Brake cylinder & Caliper	A-14217/600,A-14243/600, A-14218/600,A-14218/600	A-14031/600,A-14027/600, A-14033/600,A-14022/600	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			SGA
13	Ball joint Traction centre			GMT
14	Secondary rubber pad			TESPAK
15	Rubber spring			GMT
16	Anti roll bar make			SARITA
17	Roll link make			SARITA
18	Fork make			EMSON

LS3-3050