



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4002	DISPATCH DATE			4.6.2014
2.	Railway	NR	Type	LWCBAC	Coach No.	143801
3.	Booked to	SSE/C&W/NDLS				
4.	Tare Weight of Coach	40.9 T				
5.	Carrying Capacity	Seating	NIL	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	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		3.80 ± 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		VIBGYOR	87/89
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				AMIT	
iii.	SEATS/ BERTHS				AAR KAY FOAMS	
iv.	BODY SIDE DOOR				JBM	
v.	VESTIBULE SLIDING DOOR				JBM	
vi.	SALOON DOOR				KALSI	
vii.	WATER TANKS				AMIT &SHIVALIK	
viii.	UIC VESTIBULE				KRP	
ix	FLOOR BOARD				TAYAL	
10.						
10.1	Modification / Trail (if any):				NIL	
10.2	Deviations if any:				NIL	



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Shell No.:- 4002

Date: 21-04-2014

RLY	NR	Type	LWCBAC	Coach No.	143801
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6.0 Wheel & Axle details:

Items	PP Side				Non PP Side			
Bogie No.	146347				146346			
Frame No.	FIAT-3031				FIAT-2867			
Bolster No.	115-HEI				134-HEI			
Axle No.	RWF-109954		RWF-110347		RWF-110127		RWF-109171	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	915.70	916.00
Wheel Disc No.	294-57908	295-48743	265-51908	150-50859	227-50848	296-50846	061-51781	038-50842
R.B. Nos.	07147	08817	07128	07150	08861	08789	08274	07135
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.	RSK-3-13-	RSK-3-13-	RSK-3-13-	RSK-3-13-	RSK-3-13-	RSK-3-13-	RSK-3-13-	RSK-3-13-
Ht. Attest Load	509	468	512	465	512	466	510	467
Align. deviation	16	30	17	32	30	40	28	38

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	RSK-06-13	RSK-06-13	RSK
2	Primary inner Spring batch no	RSK-10-12	RSK-10-13	RSK
3	Primary Damper			SACHS
4	Secondary damper			SACHS
5	Lateral Damper			SACHS
6	Brake cylinder & Caliper	B-14118/600,B-14094/600, B-14117/600,B-14086/600	B-14072/600,B-14129/600, B-14095/600,B-14126/600	FTI
7	Brake Disc			FTI
8	Ball joint Control arm			GMT
9	Lateral Bump stop			GMT
10	Traction center make			EMSON
11	Traction lever make			SARITA
12	Ball joint traction lever			GMT
13	Ball joint Traction centre			GMT
14	Secondary rubber pad			TESPAK
15	Rubber spring			GMT
16	Anti roll bar make			EMSON
17	Roll link make			SARITA
18	Fork make			SARITA

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