



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4001	DISPATCH DATE				4.6.2014
2.	Railway	SR	Type	LWCBAC	Coach No.	13803	
3.	Booked to	SSE/C&W/PER					
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	87/89.5	
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 & KALSI
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.:- 4001

Date: 19-04-2014

RLY	SR	Type	LWCBAC	Coach No.	13803
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6.0 Wheel & Axle details:

Items	PP Side				Non PP Side			
Bogie No.	146054				146062			
Frame No.	FIAT-2712				FIAT-2778			
Bolster No.	3544-P				3592-P			
Axle No.	RWF-109037		RWF-110193		RWF-110205		RWF-110544	
Wheel Diameter	918.00	918.00	917.00	917.00	917.00	917.50	917.50	918.00
Wheel Disc No.	304-50857	316-50846	020-51912	056-48743	365-51916	308-51915	194-51910	127-51910
R.B. Nos.	07313	07308	07114	07146	07125	07635	09100	07105
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.	DN13-11-3636	G13-5-5132	DN13-1-3840	G13-5-4903	DN-13-5-1767	G-13-5-4869	DN13-5-1856	G13-5-4849
Ht. Attest Load	507	467	510	466	507	466	504	467
Align. deviation	18	20	19	20	16	3	12	4

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	L&S-05-13	L&S-05-13	L&S
2	Primary inner Spring batch no	L&S-06-13	L&S-06-13	L&S
3	Primary Damper			SACHS
4	Secondary damper			SACHS
5	Lateral Damper			SACHS
6	Brake cylinder & Caliper	N-13008/600,N-13145/600, N-13012/600,N-13141/600	N-13183/600,N-13129/600, N-13182/600,N-13142/600	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

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