



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	3030	DISPATCH DATE			23.5.2014	
2.	Railway	NE	Type	LWLRRM	Coach No.	14858	
3.	Booked to	SSE/C&W/GKP					
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	86/88			
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			MOHAN RAIL			
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.:-

Date: 05-03-2014

RLY	NE	Type	LWLRRM	Coach No.	14858
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6.0 Wheel & Axle details:

Items	LPC- I (PP side)				LPC- II (NPP side)			
Bogie No.	146156				146157			
Frame No.	FIAT-2821				FIAT-2579			
Bolster No.	3650-GT				3648-GT			
Axle No.	RWF-110028		RWF-110161		T-3014		S-6552	
Wheel Diameter	915.00	915.00	915.00	915.00	915.50	915.00	915.00	915.00
Wheel Disc No.	141-46889	052-48763	145-46889	028-46889	130-51777	276-48743	195-46889	294-48743
R.B. Nos.	04626	03536	04821	04853	04885	04791	04850	03648
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.	DN-11-3-193	DN-12-2-179	DN-11-3-195	DN-12-2-259	G-13-3-0691	G-12-9-197	G-13-3-0596	G-12-9-226
Compressed ht. at tested load	506	458	506	466	506	469	505	466
Align deviation	9	11	11	12	7	13	9	10

6.2 Component traceability:

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	L&S-5-12	L&S-5-12	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-8220/261,G-8205/261, G-8218/261,G-8206/261	G-8224/261,G-7274/261, G-8217/261,G-7272/261	KBI
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-3030