



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	3025	DISPATCH DATE				5.6.2014
2.	Railway	SC	Type	LWLRRM	Coach No.	14853	
3.	Booked to	SSE/C&W/SC					
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 <sup>2</sup>	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 0.15 Kg/cm <sup>2</sup>	3.00		
			All Brake are applied	OK	OK		
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min	No brake application	OK		
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /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		
	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			GANDHI		
	v.	BODY SIDE DOOR			MOHAN RAIL & JBM		
	vi.	VESTIBULE SLIDING DOOR			JBM		
	vii.	CREW-GEN & GUARD ROOM DOOR			JBM/JBM		
	viii.	WATER TANKS			AMIT		
	ix	FUEL TANK			GAURAV		
	x	UIC VESTIBULE			KRP		
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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Page 2 of 3

Shell No.:- 3025

Date: 18-12-2013

RLY	SC	Type	LWLRRM	Coach No.	14853
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**6.0 Wheel & Axle details:**

Items	LPC- I				LPC- II			
Bogie No.	137114				137115			
Frame No.	FIAT-2671				FIAT-2749			
Bolster No.	064ECBT/ASR				3493-VT			
Axle No.	RWF-110138		RWF-109962		T-4563		RWF-110094	
Wheel Diameter	918.00	918.00	918.00	918.00	918.00	918.00	917.50	917.00
Wheel Disc No.	186-48744/ ZB13	237-46889/ ZB13	093-50800/ ZB13	246-48743/ ZB13	337-51777/ ZB13	316-50842/ ZB13	260-46889/ ZB13	058-51782/ ZB13
R.B. Nos.	11805	40536	11791	11789	12134	12017	07195	12073
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.	DN-12-6-289	DN-12-11-220	DN-12-6-239	DN-12-02-363	DN-13-04-1566	G-12-09-128	DN-13-03-1337	G-12-09-134
Compressed ht. at tested load	506	463	507	459	512	469	508	470
Align deviation	7	11	5	5	8	14	10	15

**6.2 Component traceability:**

SNO	ITEM	PP Side Bogie	NPP side Bogie	Make
1	Primary Outer Spring batch no.	L&S-05-12	L&S-05-12	L&S
2	Primary inner Spring batch no	L&S-2-13	L&S-2-13	L&S
3	Primary Damper			SACHS
4	Secondary damper			SACHS
5	Lateral Damper			SACHS
6	Brake cylinder & Caliper	G-2193/261,H-1561/261, G-2195/261,H-1560/261	H-7246/261,H-1559/261, H-7265/261,G-8785/261	KBI
7	Brake Disc			KBI
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-3025