



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4034	DISPATCH DATE			18.03.2015
2.	Railway	NER	Type	LWLRRM	Coach No.	14863
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	87	
	8.2	APPLICATION OF PCN-123	SATISFACTORY			
	8.3	INSUALTION	SATISFACTORY			
9.	Traceability of Furnishing Items:				Make	
	i.	BRAKE EQUIPMENT			FAIVELEY	
	iii.	CDTS			ESCORTS	
	iv.	SEATS/S&B			RCF	
	v.	BODY SIDE DOOR			JBM	
	vi.	VESTIBULE SLIDING DOOR			KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR			JBM/CONCEPT	
	viii.	WATER TANKS			SHIVALIK	
	ix	FUEL TANK			GAURAV	
	x	UIC VESTIBULE			FRIKMART	
	XI	FLOOR BOARD			TAYAL	
	XII	PVC			PREMIER POLYFILM	
10.						
	10.1	Modification / Trail (if any):				NIL
	10.2	Deviations if any:				NIL



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4034	NER	LWLRRM	14863	14-02-2015				
12.1	Wheel & Axle Details:	LPC-1 PP Side(Guard)				LPC-II NPP Side (Non guard)				
	i.	Bogie No.	156134				156135			
	ii.	Frame No.	FIAT-3823				FIAT-3815			
	iii.	Bolster No.	4359-VT				4510-GT			
	iv.	Axle No.	C-3994		A-3105		B-9872		C-4079	
	v.	Wheel Dia.	916.00	916.00	915.00	915.50	915.00	915.00	916.00	915.50
	vi.	Wheel Disc No.	142-63301	350-63305	219-10583	149-63309	237-11600	324-11610	357-11605	096-61077
	vii.	R.B. Nos.	37058	30561	36163	02112	31600	02017	36889	02115
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
12.2	Secondary suspension load deflection Values:									
Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	BPS-2013-26	BPS-2013-8	BPS-2013-NIL	BPS-2012-4	GBD-11-14-16	BPS-2013-1-1	GBD-11-14-7	BPS-2013-14	
ii.	Ht. attest load	508	463.50	507.50	463.50	515	471	511	471	
iii.	Align .deviation	3	18	3	15	8	22	8	21	
12.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			BPS-2013		BPS-2013		BPS	
	ii.	Primary inner Spring			MGBD-14-5		MGBD-14-5		MGBD	
	iii.	Primary Damper							KONI	
	iv.	Secondary damper							GEREP	
	v.	Lateral Damper							GEREP	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper							FTI	
	viii.	Brake Disc							KBI	
	ix.	Ball joint Control arm							MGN	
	x.	Lateral Bump stop							GMT	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							GMT	
	xiv.	Traction centre elastic							GMT	
	xv.	Secondary rubber pad							TESPAK	
	xvi.	Rubber spring							GMT	
	xvii.	Anti roll bar make							EMSON	
	xviii.	Ball joint roll link							SARITA	
	xix.	Fork make							SARITA	
12.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

LPC-4034