



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5010	DISPATCH DATE				14.08.2015
2.	Railway	NR	Type	LWLRRM	Coach No.		153852
3.	Booked to			SSE/C&W/ NDLS			
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		1104	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				AIR FLOW	
	iv.	SEATS/S&B				AMIR CHAND	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				CONCEPT/JBM	
	viii.	WATER TANKS				KUTEER	
	ix	FUEL TANK				SHIVALIK	
	x	UIC VESTIBULE				FRIKMART	
	XI	FLOOR BOARD				TAYAL	
	XII	PVC				RESPONSIVE	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5010	NR	LWLRRM	153852/C	06-08-2015			
11.1	<b>Wheel &amp; Axle Details:</b>		LPC-1 PP Side(Guard )				LPC-II NPP Side (Non guard )			
	i.	Bogie No.	156576				156577			
	ii.	Frame No.	FIAT-4176				FIAT-4216			
	iii.	Bolster No.	4981-VT				4978-VT			
	iv.	Axle No.	127782/987	126448/481	128146/984	128922/986				
	v.	Wheel Dia.	917.00	917.00	917.00	917.50	918.00	918.00	918.00	918.00
	vi.	Wheel Disc No.	285-11610	056-63307	172-10559	199-11610	248-51781	236-50798	07745-00184	104-11610
	vii.	R.B. Nos.	01468	29891	01238	01095	01367	01081	17397	16393
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	<b>Secondary suspension load deflection Values:</b>									
<b>Description</b>		Secondary 1		Secondary 2		Secondary 1		Secondary 2		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	G-12-10-227	G-13-5-057	G-12-10-140	G-13-5-082	G-15-4-137	G-12-9-285	G-14-5-036	G-12-9-390	
ii.	Ht. attest load	508	466	509	466	513	471	511	469	
iii.	Align .deviation	8	11	10	14	21	10	24	12	
11.3	<b>Items traceability:</b>									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	YR-13-11		YR-13-11		YR			
	ii.	Primary inner Spring	YR-10-11		YR-10-11		YR			
	iii.	Primary Damper	18803,23354,24526,24584		24512,24932,24941,23868		KONI			
	iv.	Secondary damper	4816,4414		4381,4430		KONI			
	v.	Lateral Damper	L-79		275		GEREP			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	18803/261,18904/260 18822/261,18902/260		18805/261,18831/261 18825/261,18833/261		KBI			
	viii.	Brake Disc					KBI			
	ix.	Ball joint Control arm					GMT			
	x.	Lateral Bump stop					MGN			
	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					EMSON			
11.4	i.	Modification / Trial (if any):	TREAD CLEANING UNIT PROVIDED							
	ii.	Deviations (if any):	NIL							

LPC-5010