



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4022	DISPATCH DATE			25.05.2015	
2.	Railway	NFR	Type	LWLRRM	Coach No.	14851	
3.	Booked to	SSE/C&W/GHY					
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		1102	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	89	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					FAIVELEY	
iii.	CDTS					DARSHAN	
iv.	SEATS/S&B					RCF	
v.	BODY SIDE DOOR					JBM	
vi.	VESTIBULE SLIDING DOOR					KALSI	
vii.	CREW-GEN & GUARD ROOM DOOR					CONCEPT/JBM	
viii.	WATER TANKS					SHIVALIK	
ix	FUEL TANK					GAURAV	
x	UIC VESTIBULE					KRP	
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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Page 2 of 3

12.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			4022	NF	LWLRRM	14851/C	23-04-2015			
12.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)				LPC-II NPP Side (Non guard)			
	i.	Bogie No.	156330				156332			
	ii.	Frame No.	ECBT-928				ECBT-925			
	iii.	Bolster No.	4701-VT				4674-VT			
	iv.	Axle No.	127758/986		125806/473		128935/986		128778/990	
	v.	Wheel Dia.	916.00	915.50	915.00	915.00	915.00	915.00	915.50	915.00
	vi.	Wheel Disc No.	303-10568	297-10533	002-10583	155-10570	292-10533	145-10583	334-10533	063-10579
	vii.	R.B. Nos.	24267	23547	03029	27159	24203	30128	01983	31046
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	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.	FSK-13-01-7	G-13-5-095	FSK-13-01-8	G-13-5-113	FSK-15-03-33	G-12-09-286	FSK-15-03-35	G-12-09-104	
ii.	Ht. attest load	511	467	510	467	510	469	512	468	
iii.	Align .deviation	18	13	18	12	6	7	6	9	
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	FSK-14-5		FSK-14-5		FSK			
	iii.	Primary Damper	824,858,815,983		386,642,812,973		GEREP			
	iv.	Secondary damper	876,865		729,876		GEREP			
	v.	Lateral Damper	2793		2762		KONI			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	141839/2000,141790/2000 141801/2000,141837/200		141781/2000,141806/2000 141796/2000,141814/2000		FTI			
	viii.	Brake Disc					FTI			
	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					EMSON			
12.4	i.	Modification / Trial (if any):			NIL					
	ii.	Deviations (if any):			NIL					

LWLRRM-4022

