



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5059	DISPATCH DATE				12.01.2016
2.	Railway	NR	Type	LWLRRM	Coach No.	153859	
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	1104		
	v)	Buffer/CBC (Make)	FAIVELEY	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	ADVANCE	87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	KBI				
	iii.	CDTS	RAIL FAB				
	iv.	SEATS/S&B	GANDHI				
	v.	BODY SIDE DOOR	JBM				
	vi.	VESTIBULE SLIDING DOOR	KALSI				
	vii.	CREW-GEN & GUARD ROOM DOOR	CP/JBM				
	viii.	WATER TANKS	KUTEER, MANOJ				
	ix	FUEL TANK	GAURAV				
	x	UIC VESTIBULE	ESCORTS				
	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.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5059	NR	LWLRRM	153859/C	02-01-2016			
11.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)				LPC-II NPP Side (Non guard)			
	i.	Bogie No.	166003				157026			
	ii.	Frame No.	FIAT-4547				FIAT-4551			
	iii.	Bolster No.	156/ASR/P				5377-VT			
	iv.	Axle No.	1126936/476		126429/481		126061/475		126398/474	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	06230-00180	6234-00134	6223-00199	06234-00099	06221-00124	06226-00093	06226-00121	06226-00165
	vii.	R.B. Nos.	02668	02068	02487	07329	04642	05672	07260	04700
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	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-15-11-36	AFJ-15-12-36	FSK-15-11-7	AFJ-15-12-34	CMFSK-15-9-25	AFJ-14-9-7	CMFSK-15-9-27	AFJ-14-9-6	
ii.	Ht. at test load	510	468	509	467	514	470	514	468	
iii.	Align .deviation	9	1	10	5	12	9	10	8	
11.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	L&S-12-5		L&S-12-5		L&S			
	ii.	Primary inner Spring	FSK-15-5		FSK-15-5		FSK			
	iii.	Primary Damper	143,906,205,348		441,687,902,901		GEREP			
	iv.	Secondary damper	498,787		466,480		GEREP			
	v.	Lateral Damper	354		156		GEREP			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	J5854/261,K0232/260 J5856/261,K0233/260		J5853/261,K0366/261 J5855/261,K0388/261		KBI			
	viii.	Brake Disc					KBI			
	ix.	Ball joint Control arm					GMT,MGN			
	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					SGA			
	xv.	Secondary rubber pad					WINLANE			
	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):			NIL					
	ii.	Deviations (if any):			NIL					

LPC-5059