



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5018	DISPATCH DATE			31.12.15	
2.	Railway	ER	Type	LWLRRM	Coach No.	15851	
3.	Booked to	SSE/C&W/LILUAH					
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	1100	
v)	Buffer/CBC (Make)		FAVELLY		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				KBI		
iii.	CDTS				AIR FLOW		
iv.	SEATS/S&B				GANDHI SAFE		
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				ESCORT		
Xi	FLOOR BOARD				NARBADA		
xii	PVC FLOORING				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			
			5018	ER	LWLRRM	15851/C	13-11-2015			
11.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)				LPC-II NPP Side (Non guard)			
	i.	Bogie No.	156859				156860			
	ii.	Frame No.	SCI-FM-250				FIAT-4430			
	iii.	Bolster No.	4895-ECBT				5250-P			
	iv.	Axle No.	130189/469		128648/989		127894/987		126400/474	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	7150-00052	06207-00221	06228-00093	6211-00041	06222-00189	6207-00200	6222-00038	6222-00097
	vii.	R.B. Nos.	38914	06198	06240	06201	02258	22154	01449	02908
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	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.	CMGBD-15-6-12	BPS-15-8	CMGBD-15-6-25	BPS-15-8	CMGBD-15-8-9	DN-12-10-235	CMGBD-15-8-35	DN-12-11-151	
ii.	Ht. at test load	508	464	508	464	515	463	515	464	
iii.	Align .deviation	10	16.5	10	14	8	11	7	10	
11.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	CMFSK-15-6		CMFSK-15-6		CMFSK			
	ii.	Primary inner Spring	G-15-3		G-15-3		GF			
	iii.	Primary Damper	25792,25359,25659,26821		25166,26476,26493,25169		KONI			
	iv.	Secondary damper	4623,4223		70004,4732		KONI			
	v.	Lateral Damper	278		273		GEREP			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	J5236/261,J5323/260 H6242/261,J5322/260		J5228/261,J5817/261 J5230/261,J5820/261		KBI			
	viii.	Brake Disc					FTI			
	ix.	Ball joint Control arm					MGN			
	x.	Lateral Bump stop					MGN			
	xi.	Traction center make					SARITA			
	xii.	Traction lever make					SARITA			
	xiii.	Ball joint traction lever					MGN			
	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			
11.4	i.	Modification / Trial (if any):					NIL			
	ii.	Deviations (if any):					NIL			

LPC5018