



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				10.10.2015
2.	Railway	WR	Type	LWACCW	Coach No.	15052	
3.	Booked to		SSE/C&W/BCT/M				
4.	Tare Weight of Coach		52				
5.	Carrying Capacity	Seating	52	Sleeping	52	Luggage	NIL
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	1100	1103		
	v)	Buffer/CBC (Make)	FAIVELEY	Fiba Device	NIL		
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	87/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	FAIVELEY				
	ii.	CDTS/ BIO TOILET	ORIENTAL				
	iii.	SEATS/ BERTHS	AMIR CHAND				
	iv.	BODY SIDE DOOR	JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	COMPTT.DOOR	KALSI				
	vii.	WATER TANKS	KUTEER, SHIVALIK, E C BLADES, MANOJ				
	viii.	UIC VESTIBULE	ELASTOMER				
	ix	FLOOR BOARD	TAYAL				
	X	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			
			5018	WR	LWACCW	15052	22-07-2015			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	156506				156507			
	ii.	Frame No.	SCI/FM-165				FIAT-4083			
	iii.	Bolster No.	4863-VT				4854-VT			
	iv.	Axle No.	128352/991	126634/480	129031/986	128414/983				
	v.	Wheel Dia.	916.00	916.00	917.00	917.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	06145-00184	06146-00070	6147-00122	6147-00167	06147-00093	06146-00197	06145-00204	6147-00127
	vii.	R.B. Nos.	32192	01256	25704	25710	32060	16694	32177	01214
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
112	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.	CHAFJ-14-09-86	G-12-11-3696	CHAFJ-14-09-85	G-12-11-3686	CHAFJ-14-09-20	G-12-11-3962	CHAFJ-14-09-88	G-12-11-3656	
ii.	Ht. at test load	512	467	512	467	512	466	512	467	
iii.	Align .deviation	20	18	22	19	12	5	9	4	
11.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			RSK-14-05		RSK-14-05		RSK	
	ii.	Primary inner Spring			YR-11-10		YR-13-07		YR	
	iii.	Primary Damper			24576,24466,24365,24776		24369,24371,23877,24355		KONI	
	iv.	Secondary damper			70024,70005		4609,4361		KONI	
	v.	Lateral Damper			3138		3133		KONI	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper			E15091/600,E15095/600, E15080/600,E15090		F15011/600,F15004/600, F15017/600,F15010/600		FTI	
	viii.	Brake Disc							KBI	
	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,MGN	
	xv.	Secondary rubber pad							TESPAK	
	xvi.	Rubber spring							GMT	
	xvii.	Anti roll bar make							EMSON	
	xviii.	Ball joint roll link							SARITA	
	xix.	Fork make							SATITA	
11.4	i.	Modification / Trial (if any):					NIL			
	ii.	Deviations (if any):					NIL			

LWACCW-5018