



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5014	DISPATCH DATE				19.11.2015
2.	Railway	NR	Type	LWACCW	Coach No.	153080	
3.	Booked to		SSE/C&W/NDLS				
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	1105		
	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	APEX	88/89		
	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	RAIL TECH				
	iii.	SEATS/ BERTHS	MOHAN				
	iv.	BODY SIDE DOOR	JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	COMPTT.DOOR	RAIL TECH				
	vii.	WATER TANKS	KUTEER, E C BLADES, MANOJ, SHIVALIK				
	viii.	UIC VESTIBULE	SUNCREAST				
	ix	FLOOR BOARD	NARBADA				
	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	
			5014		NR		LWACCW		153080/C		23-09-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156650						156651			
	ii.	Frame No.	FIAT-4300						SCI/FM-177			
	iii.	Bolster No.	5042-GT						4971-VT			
	iv.	Axle No.	128350/991			106593/632			128504/983		128647/939	
	v.	Wheel Dia.	917.00	917.00	916.50	916.50	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	6191-00064	6219-00087	6212-00215	6196-00106	6198-00077	06149-00229	9196-00038	6232-00204		
	vii.	R.B. Nos.	22369	16693	22130	21228	33999	29611	29859	16662		
	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.		DN-12-5-1585	DN-12-6-1429	DN-12-5-1512	DN-12-6-1476	DN-12-5-1436	DN-12-6-1409	DN-12-5-1661	DN-12-6-1427		
ii.	Ht. at test load		504	464	502	466	507	465	506	463		
iii.	Align .deviation		21	2	22	4	16	4	19	5		
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			L&S-13-3			L&S-13-3			L&S	
	ii.	Primary inner Spring			L&S-13-2			L&S-13-2			L&S	
	iii.	Primary Damper			25198,25331,26826,23645			26789,23653,25324,25397			KONI	
	iv.	Secondary damper			5934,5827			5819,5650			KONI	
	v.	Lateral Damper			263			373			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			G15161/600,G15127/600, G15138/600,G15131/600			G15127/600,G15135/600, G15122/600,G15123/600			FTI	
	viii.	Brake Disc									FTI,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									GMT,SGA	
	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				

LWACCW-5014