



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5006	DISPATCH DATE			22.12.2015		
2.	Railway	ER	Type	LFCWAC	Coach No.	15027		
3.	Booked to			SSE/C&W/LILUAH				
4.	Tare Weight of Coach			43.6 T				
5.	Carrying Capacity	Seating	38	Sleeping	38	Luggage	NIL	
6.	Shell Details: WA900001							
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	1104		
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		NEROLAC	88/88	
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			AIR FLOW & AMIT				
iii.	SEATS/ BERTHS			AAR KAY FOAMS(IST),SAVITRY(2)				
iv.	BODY SIDE DOOR			JBM,SUKATA				
v.	VESTIBULE SLIDING DOOR			KALSI				
vi.	SALOON DOOR			KALSI				
vii.	WATER TANKS			KUTEER, ,SHIVALIK				
viii.	UIC VESTIBULE			FRINKMART				
ix	FLOOR BOARD			TAYAL				
x	PVC FLOORING			RESPONSIVE				
10.								
i	Modification / Trail (if any):					NIL		
ii	Deviations if any:					NIL		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5006		ER		LFCWAC		15027		20-11-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156888						156889			
	ii.	Frame No.	SCI/FM-259						FIAT-4405			
	iii.	Bolster No.	5283-P						5293-P			
	iv.	Axle No.	126958/476		126664/480		C-4667		128161/984			
	v.	Wheel Dia.	916.00	915.50	916.00	916.00	916.00	916.00	916.00	916.00		
	vi.	Wheel Disc No.	7166-00127	7150-00142	6228-00079	7150-00017	6222-00097	7172-00006	7166-00183	7150-00195		
	vii.	R.B. Nos.	29457	29653	29659	38813	35272	38872	22657	29442		
	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.	RSK-15-3-115	RSK-15-3-459	RSK-15-3-148	RSK-15-3-443	RSK-14-8-108	RSK-15-3-436	RSK-15-3-76	RSK-15-3-432			
ii.	Ht. at test load	511	470	511	468	507	469	509	468			
iii.	Align .deviation	3	39	7	40	8	37	5	32			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			RSK-14-5			RSK-14-5			RSK	
	iii.	Primary Damper			0361,0386,0238,0293			0373,0334,0362,0340			KNORR	
	iv.	Secondary damper			0095,0040			0111,0096			KNORR	
	v.	Lateral Damper			00073			00069			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			15006/600,15039/600,15187/600,15043/600			15117/600,15116/600,15099/600,15117/600			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,SGA	
	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	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				