



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5005	DISPATCH DATE				11.06.2015
2.	Railway	SECR	Type	LWACCN	Coach No.	15121	
3.	Booked to	SSE/C&W/BSP					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	1105	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	3.80 ± 0.15 Kg/cm ²	3.80		
			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	87/87		
	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			VIBHU		
	iii.	SEATS/ BERTHS			SAVITRI		
	iv.	BODY SIDE DOOR			JBM		
	v.	VESTIBULE SLIDING DOOR			KALSI		
	vi.	SALOON DOOR			NA		
	vii.	WATER TANKS			E C BLADES & SHIVALIK		
	viii.	UIC VESTIBULE			ELASTOMER		
	ix	FLOOR BOARD			TAYAL		
	X	PVC			RESPONSIVE		
10.							
	10.1	Modification / Trail (if any):	FITTED WITH BIO DIGESTER OF M/s RAIL FAB				
	10.2	Deviations if any:	NIL				



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11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5005	SECR	LWACCN	15121	04-06-2015			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	156421				156422			
	ii.	Frame No.	FIAT-4086				FIAT-3993			
	iii.	Bolster No.	4749-P				4742-P			
	iv.	Axle No.	C-4258		B-9952		129214/992		C-4351	
	v.	Wheel Dia.	916.00	916.00	915.00	915.00	915.00	915.00	917.00	917.00
	vi.	Wheel Disc No.	130-10568	174-63301	273-63302	260-63309	015-63302	131-63302	203-10579	057-63305
	vii.	R.B. Nos.	04576	04210	04497	04349	03919	04582	03918	03916
	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-14-02-8836-49	G-13-05-5261	FSK-14-02-8836-48	G-13-05-5260	FSK-14-02-8836-27	G-13-05-5138	FSK-14-02-8836-35	G-13-05-5118	
ii.	Ht. at test load	513	465	512	466	513	464	512	465	
iii.	Align .deviation	7	17	8	17	8	23	9	27	
11.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	YR-10-10		YR-10-10		YR			
	ii.	Primary inner Spring	YR-10-11		YR-10-11		YR			
	iii.	Primary Damper	1617,1619,1651,1572		1635,1598,1646,1432		GEREP			
	iv.	Secondary damper	37,72		116,348		GEREP			
	v.	Lateral Damper	442		457		GEREP			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	E15054/600,E15057/600, E15063/600,E15039/600		E15021/600,E15012/600, E15070/600,E15090/600		FTI			
	viii.	Brake Disc					KBI			
	ix.	Ball joint Control arm					MGN			
	x.	Lateral Bump stop					GMT			
	xi.	Traction center make					SARITA			
	xii.	Traction lever make					SARITA			
	xiii.	Ball joint traction lever					MGN			
	xiv.	Traction centre elastic					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					EMSON,SARITA			
11.4	i.	Modification / Trial (if any):			NIL					
	ii.	Deviations (if any):			NIL					

LWACCN-5005