



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5004	DISPATCH DATE			19.06.2015	
2.	Railway	SCR	Type	LWFAC	Coach No.	15004	
3.	Booked to		SSE/C&W/BZA				
4.	Tare Weight of Coach		43.6 T				
5.	Carrying Capacity	Seating	24	Sleeping	24	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 )		ESCORTS		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 <sup>2</sup>		6 –10 sec	6 Sec	
			Max Pressure in BC		3.00 ± 0.15 Kg/cm <sup>2</sup>	3.00	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm <sup>2</sup> /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		VIBHU				
iii.	SEATS/ BERTHS		AAR KAY FOAMS				
iv.	BODY SIDE DOOR		JBM				
v.	VESTIBULE SLIDING DOOR		KALSI				
vi.	SALOON DOOR		KALSI				
vii.	WATER TANKS		AMIT, RUBICONE				
viii.	UIC VESTIBULE		ELASTOMER				
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.	<b>Bogie Details:</b>		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5004		SCR		LWFAC		15004		16-05-2015	
11.1	<b>Wheel &amp; Axle Details:</b>		PP Side						NPP Side			
	i.	Bogie No.	156267						156352			
	ii.	Frame No.	FIAT-3804						FIAT-3973			
	iii.	Bolster No.	4609-P						4505-GT			
	iv.	Axle No.	C-4537			C-4512			126675/480		C-3980	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	915.00	915.00		
	vi.	Wheel Disc No.	127-10582	053-10568	144-11611	157-63309	240-10579	224-10582	337-63305	112-10579		
	vii.	R.B. Nos.	04395	04266	04373	04544	04562	03779	03543	04351		
	viii.	R.B. Make	TIMKEN			TIMKEN			TIMKEN		TIMKEN	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<b>Secondary suspension load deflection Values:</b>											
<b>Description</b>		Secondary 1		Secondary 2		Secondary 1		Secondary 2				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner			
i.	<b>Make &amp; nos.</b>	CMAFJ-14-09-37	CMAFJ-14-05-21	CMAFJ-14-09-93	CMAFJ-14-05-02	CMAFJ-14-09-97	CMAFJ-14-05-99	CMAFJ-14-09-43	CMAFJ-14-05-56			
ii.	<b>Ht. at test load</b>	512	467	512	464	510	465	512	468			
iii.	<b>Align .deviation</b>	20	12	20	15	20	7	20	7			
11.3	<b>Items traceability:</b>											
	<b>Sno.</b>	<b>Item</b>			<b>PP Side Bogie</b>			<b>NPP side Bogie</b>			<b>Make</b>	
	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			25039,24791,24929,24924			24799,24685,24801,24756			KONI	
	iv.	Secondary damper			370,1194			1191,710			GEREP	
	v.	Lateral Damper			2944			2874			KONI	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			NIL,A15095/600,A15707/600,A15094/600			C15002/600,A15079/600,C15020/600,A15073/600			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									GMT,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									EMSON	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LWFAC-5004