



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6014	DISPATCH DATE				09.02.2017
2.	Railway	CR	Type	LWACCW	Coach No.	16060	
3.	Booked to	SSE/C&W/CSTM					
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	1102	1100		
	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 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	VIBGYOR	85/86		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	FAIVELEY				
	ii.	BIO TOILET	RAIL FAB, JSL				
	iii.	SEATS/ BERTHS	SAVITRI				
	iv.	BODY SIDE DOOR	SUKATA, JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	COMPTT.DOOR	SUKATA				
	vii.	WATER TANKS	AMIT & E C BLADES				
	viii.	UIC VESTIBULE	KRP				
	ix	FLOOR BOARD	NARBADA				
	X	PVC	PREMIER POLYFILM				
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	
			6014		NR		LWACW		16060/C		14-12-2016	
11.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	167096					167097				
	ii.	Frame No.	FIAT-5306					FIAT-5314				
	iii.	Bolster No.	6441-GT					6457-GT				
	iv.	Axle No.	N-0516		R-2816			P-9683		R-2805		
	v.	Wheel Dia.	917.00	917.00	917.50	917.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	00093-6018	00059-6018	00134-6069	00012-6132	00041-6132	00146-6132	00002-6132	00032-6132	00032-6132	00032-6132
	vii.	R.B. Nos.	93773	93371	94194	98429	86815	97900	98655	93363	93363	93363
	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-16-6-545	RSK-16-3-1141	RSK-16-6-817	RSK-16-3-230	RSK-16-6-682	RSK-16-3-694	RSK-16-6-689	RSK-16-3-792			
ii.	Ht. at test load	511	468	511	468	509	467	508	466			
iii.	Align .deviation	12	35	14	36	11	39	11	37			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			GBD-16-11			GBD-16-11			GBD	
	ii.	Primary inner Spring			RSK-16-3			RSK-16-3			RSK	
	iii.	Primary Damper			17,457,158,465			1,491,301,7			GEREP	
	iv.	Secondary damper			0223,0150			0321,0122			SV	
	v.	Lateral Damper			0393			0423			SV	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			G16234/600,G16302/600 G16233/600,G16277/600			G16238/600,G16292/600 G16239/600,G16293/600			FTI	
	viii.	Brake Disc									KBI,FTI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									GMT	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									AFW	
	xiii.	Ball joint traction lever									SGA	
	xiv.	Traction centre elastic									SGA	
	xv.	Secondary rubber pad									TECSPACK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									SARITA	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									SARITA	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				