



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6031	DISPATCH DATE				07.12.2016
2.	Railway	NR	Type	LWSCN1	Coach No.	163246	
3.	Booked to		SSE/C&W/NDLS				
4.	Tare Weight of Coach		41.239 T				
5.	Carrying Capacity	Seating	80	Sleeping	80	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	1105		
	v)	Buffer/CBC (Make)	SANROK	Fiba Device	NA		
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	87/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i	BRAKE EQUIPMENT	FAIVELEY				
	ii	SEAT & BERTH	OVPL				
	iii	BODY SIDE DOORS	SUKATA				
	iv	WATER TANKS	SHIVALIK, AMIT				
	v	FLOOR BOARD	TWPL				
	vi	PVC FLOORING	RESPONSIVE				
	vii	UIC VESTIBULE	ESCORTS				
	viii	VESTIBULE SLIDING DOOR	KALSI				
		CDTS	RAIL FAB, JSL				
		PARTITION	--				
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	
			6031		NR		LWSCN		163246		9-11-2016	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	166956						166995			
	ii.	Frame No.	FM-658						FM-676			
	iii.	Bolster No.	6271-GT						6340-P			
	iv.	Axle No.	N-1048			N-6759			N-0853		N-6450	
	v.	Wheel Dia.	917.00	917.00	916.00	916.00	917.00	916.50	917.50	917.50		
	vi.	Wheel Disc No.	00033-6070	00145-6070	03325-6QL4	06972-6QJ4	02103-6QG6	02751-5VJ6	00056-07200	00127-7116		
	vii.	R.B. Nos.	02245	01648	06233	05259	05192	05346	05326	05513		
	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-15-9-25	RSK-15-9-396	FSK-15-9-41	RSK-15-9-365	RSK-16-4-360	RSK-16-4-296	RSK-16-4-285	RSK-16-4-616			
ii.	Ht. at test load	516	472	516	467	514	472	515	472			
iii.	Align .deviation	10	8	10	7	4	6	2	3			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			GBD-16-8			GBD-16-8			GBD	
	ii.	Primary inner Spring			RSK-16-2			RSK-16-2			RSK	
	iii.	Primary Damper			4044,3987,4067,4301			3982,4252,4026,3967			KNORR	
	iv.	Secondary damper			078,054			78,67			GEREP	
	v.	Lateral Damper			0559			0531			SV	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			G16257/600,G16279/600 G16258/600,G16304/600			G16253/600,G16297/600 G16256/600,G16296/600			FTI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									GMT	
	xi.	Traction center make									EMSON	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									SGA	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									TECSPACK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									SARITA	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									EMSON	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LSCN-6031

