



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6015	DISPATCH DATE				12.07.16
2.	Railway	NR	Type	LWSCN1	Coach No.	163227	
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	1105	1105		
	v)	Buffer/CBC (Make)	ESCORT	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	GS	71/77		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	I	BRAKE EQUIPMENT	FAVELLY				
	ii	SEAT & BERTH	OVPL				
	lii	BODY SIDE DOORS	JBM,				
	lv	WATER TANKS	SHIVALIK,KUTEER,MANOJ				
	v	FLOOR BOARD	TAYAL				
	vi	PVC FLOORING	RESPONSIVE				
	vii	UIC VESTIBULE	KRP				
	viii	VESTIBULE SLIDING DOOR	HP				
	IX	BIOTOILETS	MK PRECISION				
	X	LP SHEET	PL				
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	
			6015		NR		LWSCN		163227/C		31-05-2016	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	166469						166470			
	ii.	Frame No.	FM-518						FM-519			
	iii.	Bolster No.	5843-PS						5832-VT			
	iv.	Axle No.	N-6606			N-0647			N-0714		N-0594	
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	916.00	916.00	916.00	916.00		
	vi.	Wheel Disc No.	6204-00217	7275-00202	7280-00027	7283-00125	7274-00123	7274-00160	7291-00170	7275-00071		
	vii.	R.B. Nos.	06122	05326	05493	05243	05048	05278	04553	05031		
	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.	DN-14-5-826	RSK-15-3-250	DN-14-5-839	RSK-15-3-148	DN-14-5-837	RSK-15-3-193	DN-14-5-838	RSK-15-3-203			
ii.	Ht. at test load	515	472	515	470	516	470	515	472			
iii.	Align .deviation	8	15	7	12	13	3	11	2			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			G-14-11			G-14-11			GF	
	ii.	Primary inner Spring			G-15-9			G-15-9			GF	
	iii.	Primary Damper			0482,0466,0478,0463			0430,0487,0565,0460			KNORR	
	iv.	Secondary damper			90,58			71,191			GEREP	
	v.	Lateral Damper			0124			0138			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			D16038/600,D16052/600 D16019/600,D16089/600			C16131/600,D16086/600 C16163/600,D16089/600			FTI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									GMT	
	x.	Lateral Bump stop									GMT	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									GMT	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									TESPAK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									SARITA	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LWSCN-6015

