



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6020	DISPATCH DATE				22.08. 16
2.	Railway	NR	Type	LWSCN1	Coach No.	163233	
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)	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		GS	85/86		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	I	BRAKE EQUIPMENT		KBI			
	li	SEAT & BERTH		OVPL			
	lii	BODY SIDE DOORS		sukata			
	lv	WATER TANKS		SHIVALIK,KUTEER			
	v	FLOOR BOARD		TAYAL			
	vi	PVC FLOORING		RESPONSIVE			
	vii	UIC VESTIBULE		KRP			
	viii	VESTIBULE SLIDING DOOR		kalsi			
	IX	BIOTOILETS		MK PRECISION			
	X	LP SHEET		--			
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	
			6020		NR		LWSCN		163233/C		16-08-2016	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	166715						166716			
	ii.	Frame No.	FIAT-5008						FIAT-5060			
	iii.	Bolster No.	6066-VT						6055-VT			
	iv.	Axle No.	N-5752			R-3125			N-6154		K-2816	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	917.00	917.00	915.00	915.00		
	vi.	Wheel Disc No.	08013-6QL5	05766-6QM6	00370-6QG4	03942-6QJ3	00942-6QJ8	00947-6QJ8	05979-6QK8	05843-6QL9		
	vii.	R.B. Nos.	02505	01247	03712	02623	01791	03409	03784	02618		
	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.	RSK-16-4-038	FSK-16-7-32	RSK-16-4-145	FSK-16-7-028	RSK-16-4-072	FSK-16-7-042	RSK-16-4-102	FSK-16-7-051			
ii.	Ht. at test load	516	472	516	472	515	468	514	467.50			
iii.	Align .deviation	7	9	9	9	6	8	5	7			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-15-06			RSK-15-10			RSK	
	ii.	Primary inner Spring			RSK-16-2			RSK-16-2			RSK	
	iii.	Primary Damper			1791,1671,1667,1534			1678,1703,1550,1469			KNORR	
	iv.	Secondary damper			120,94			80,96			GEREP	
	v.	Lateral Damper			0254			0194			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			3213/691,3176/691 3261/691,3212/691			3215/691,3217/691 3209/691,3217/691			KBI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA, AFW	
	xiii.	Ball joint traction lever									MGN	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									PRAG	
	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 6020

