



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6004	DISPATCH DATE				13.08.16
2.	Railway	NR	Type	LWACCW	Coach No.	163080	
3.	Booked to	SSE/C&W/NDLS					
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		1100	1100	
v)	Buffer/CBC (Make)		FAVELLY		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		GS	85/87	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					KBI	
ii.	BIO TOILET					MK PRECISION	
iii.	SEATS/ BERTHS					SAVITRY	
iv.	BODY SIDE DOOR					SUKATA	
v.	VESTIBULE SLIDING DOOR					HANSPAL	
vi.	COMPTT.DOOR					SUKATA	
vii.	WATER TANKS					MANOJ,SHIVALIK	
viii.	UIC VESTIBULE					KRP	
ix	FLOOR BOARD					TWPL	
X	PVC					RESPNSIVE	
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	
			6004		NR		LWACCW		163080		15-02-2016	
11.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	166147					166148				
	ii.	Frame No.	FIAT-4534					FIAT-4638				
	iii.	Bolster No.	5471-P					5472-P				
	iv.	Axle No.	129087/992		129079/992		128242/991		126488/481			
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	vi.	Wheel Disc No.	06230-00107	06229-00073	7222-00209	06229-00136	06234-00212	07297-00211	6223-00015	6223-00222		
	vii.	R.B. Nos.	01786	06735	06626	06753	06644	06632	06729	23401		
	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-15-3-365	RSK-14-8-282	RSK-15-3-395	RSK-14-8-077	RSK-15-3-349	RSK-14-8-618	RSK-15-3-273	RSK-14-8-2031			
ii.	Ht. at test load	512	464	511	468	511	466	511	463			
iii.	Align .deviation	15	36	17	37	12	40	14	42			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			RSK-14-5			RSK-14-5			RSK	
	iii.	Primary Damper			1958,1090,1965,1915			1821,1098,1816,1815			GEREP	
	iv.	Secondary damper			216,240			259,277			GEREP	
	v.	Lateral Damper			103			102			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			2992/691,2998/691 2994/691,3012/691			2997/691,3011/691 2993/691,3010/691			KBI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									EMSON	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									SGA	
	xiv.	Traction centre elastic									SGA	
	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					