

रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5030	DISPATCH DATE				13.01.2016
2.	Railway	NR	Type	LWACCW	Coach No.	153084	
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	1105	1105		
	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	NEROLAC	85/86		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAIVELEY			
	ii.	CDTS/ BIO TOILET		RAILTECH			
	iii.	SEATS/ BERTHS		AMIR CHAND			
	iv.	BODY SIDE DOOR		SUKATA			
	v.	VESTIBULE SLIDING DOOR		KALSI			
	vi.	COMPTT.DOOR		KALSI			
	vii.	WATER TANKS		KUTEER, SHIVALIK, MANOJ			
	viii.	UIC VESTIBULE		ESCORTS			
	ix	FLOOR BOARD		NARBADA			
	X	PVC		RESPONSIVE			
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	
			5030		NR		LWACCW		153084		09-12-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156938						156939			
	ii.	Frame No.	FIAT-4432						FIAT-4446			
	iii.	Bolster No.	5248-P						5288-P			
	iv.	Axle No.	126146/471			130062/986			126163/471		125688/479	
	v.	Wheel Dia.	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	
	vi.	Wheel Disc No.	6228-00106	6228-00079	6228-00049	06228-00050	7172-00134	7150/00110	7172-00034	6228-00098		
	vii.	R.B. Nos.	16777	29970	17312	29965	16008	29861	16775	30003		
	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.	CMAFJ-15-8-16	RSK-15-5-297	CMAFJ-15-8-4	RSK-15-5-290	CMAFJ-15-8-18	RSK-15-5-447	CMAFJ-15-8-38	RSK-15-5-461			
ii.	Ht. at test load	511	464	512	464	509	469	509	468			
iii.	Align .deviation	17	34	17	36	19	1	20	6			
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			0201,0288,0290,0246			0370,0245,0305,0250			KNORR	
	iv.	Secondary damper			0081,0119			0043,0094			KNORR	
	v.	Lateral Damper			00088			0059			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			K15060/600,L15009/600, K15159/600,L15011/600			K15181/600,L15034/600, L15059/600,L15037/600			FTI	
	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	
	xiii.	Ball joint traction lever									MGN	
	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									EMSON	
11.4	i.	Modification / Trial (if any):			NIL							
	ii.	Deviations (if any):										