



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5005	DISPATCH DATE				13.06.2015
2.	Railway	SCR	Type	LWACCW	Coach No.	15066	
3.	Booked to		SSE/C&W/BZA				
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 <sup>2</sup>	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 0.15 Kg/cm <sup>2</sup>	3.00		
			All Brake are applied	OK	OK		
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min	No brake application	OK		
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.	Brake must apply	OK		
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	VIBGYOR	87/89		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
	i.	BRAKE EQUIPMENT			KBI		
	ii.	CDTS/ BIO TOILET			VIBHU		
	iii.	SEATS/ BERTHS			SAVITRI		
	iv.	BODY SIDE DOOR			SUKATA		
	v.	VESTIBULE SLIDING DOOR			KALSI		
	vi.	COMPTT.DOOR			KALSI		
	vii.	WATER TANKS			SHIVALIK, KUTEER, E C BLADES		
	viii.	UIC VESTIBULE			ELASTOMER		
	ix	FLOOR BOARD			TAYAL		
	X	PVC			RESPONSIVE		
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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12.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5005		SC		LWACCW		15066/C		07-02-2015	
12.1	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	156102						156104			
	ii.	<b>Frame No.</b>	FIAT-3691						SCI/FM-100			
	iii.	<b>Bolster No.</b>	4475-GT						4495-GT			
	iv.	<b>Axle No.</b>	C-4095			B-9803			B-9623		B-9826	
	v.	<b>Wheel Dia.</b>	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	<b>Wheel Disc No.</b>	129-11611	110-10582	294-11600	298-63302	051-10579	330-10582	350-10579	290-10579		
	vii.	<b>R.B. Nos.</b>	37525	24388	25973	36641	25514	36674	41438	25995		
	viii.	<b>R.B. Make</b>	SKF			SKF			SKF		SKF	
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
12.2	<b>Secondary suspension load deflection Values:</b>											
<b>Description</b>		<b>Secondary 1</b>		<b>Secondary 2</b>		<b>Secondary 1</b>		<b>Secondary 2</b>				
		<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>			
i.	<b>Make &amp; nos.</b>	CMGBD-12-10-51425-63	HZ-13-110	CMGBD-12-10-51425-26	HZ-13-109	CMGBD-12-10-51425-69	HZ-13-021	CMGBD-12-10-51425-203	HZ-13-039			
ii.	<b>Ht. at test load</b>	507	467.50	512	467.40	510	465.90	512	467.80			
iii.	<b>Align .deviation</b>	33	45	29	43.30	21	41.80	18	39.20			
12.3	<b>Items traceability:</b>											
	<b>Sno.</b>	<b>Item</b>			<b>PP Side Bogie</b>			<b>NPP side Bogie</b>			<b>Make</b>	
	i.	Primary Outer Spring			CMRSK-14-03R-2891			CMRSK-14-03R-2891			CMRSK	
	ii.	Primary inner Spring			CMRSK-13-02R-1702			CMRSK-13-02R-1702			CMRSK	
	iii.	Primary Damper			23786,24209,23358,24159			24020,23631,24186,23777			KONI	
	iv.	Secondary damper			108,134			43,107			GEREP	
	v.	Lateral Damper			379			334			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			I-5088/691,I-4694/691, I-5089/691,I-4693/691			I-5091/691,I-5090/691, I-5099/691,I-4695/691			KBI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									MGN	
	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									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	
12.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				