



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5023	DISPATCH DATE				14.10.2015
2.	Railway	WR	Type	LWACCW	Coach No.	15053	
3.	Booked to	SSE/C&W/BCT/M					
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		AUSTIN	86/87	
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		RAIL TECH				
iii.	SEATS/ BERTHS		AMIR CHAND				
iv.	BODY SIDE DOOR		SUKATA				
v.	VESTIBULE SLIDING DOOR		KALSI				
vi.	COMPTT.DOOR		KALSI				
vii.	WATER TANKS		KUTEER, SHIVALIK				
viii.	UIC VESTIBULE		SUNCREAST				
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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11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5023		WR		LWBAC		15053/C		21-08-2015	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	156582						156583			
	ii.	<b>Frame No.</b>	FIAT-4096						FIAT-3955			
	iii.	<b>Bolster No.</b>	4982-VT						4966-VT			
	iv.	<b>Axle No.</b>	RWF-95727		125851/477		125669/479		C-3924			
	v.	<b>Wheel Dia.</b>	910.00	910.00	913.00	913.00	912.00	912.00	910.00	910.00		
	vi.	<b>Wheel Disc No.</b>	357-46426	218-45318	087-11610	300-10568	07476-00063	06216-00026	210-50843	344-50798		
	vii.	<b>R.B. Nos.</b>	22050	22064	21910	22795	29680	22943	22151	29665		
	viii.	<b>R.B. Make</b>	SKF		SKF		SKF		SKF			
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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>				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	<b>Make &amp; nos.</b>	DN-13-01-2887	G-12-11-3798	DN-12-9-2079	G-12-11-3760	DN-12-8-2601	G-12-11-3785	DN-12-8-2832	G-12-11-3220			
ii.	<b>Ht. at test load</b>	504	465	505	466	505	465	506	466			
iii.	<b>Align .deviation</b>	19	8	20	8	19	7	19	7			
11.3	<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			RSK-13-05			RSK-13-05			RSK	
	ii.	Primary inner Spring			RSK-13-05			RSK-13-05			RSK	
	iii.	Primary Damper			22819,22312,22353,22775			22322,22315,22781,22778			KONI	
	iv.	Secondary damper			5485,4625			4969,5259			KONI	
	v.	Lateral Damper			99			92			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			1334/691,1468/691,1392/691,1414/691			1350/691,1435/691,1351/691,1434/691			KBI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									GMT	
	x.	Lateral Bump stop									MGN	
	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):			LESS WHEEL DIA							

LWACCW-5023