



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4026	DISPATCH DATE			08.12.2014	
2.	Railway	ECOR	Type	LWSCZAC	Coach No.	14154	
3.	Booked to	SSE/C&W/BBS					
4.	Tare Weight of Coach	40.28 T					
5.	Carrying Capacity	Seating	78	Sleeping	NIL	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	1100			
v)	Buffer/CBC (Make )	ESCORTS	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 <sup>2</sup>	Max Pressure in BC	6 –10 sec	6 Sec		
		All Brake are applied		3.00 ± 0.15 Kg/cm <sup>2</sup>	3.00		
				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	GS	86/86			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					FAIVELEY	
iii.	CDTS					STONE INDIA	
iv.	SEAT & BERTH					SUTLEJ	
v.	BODY SIDE DOORS					JBM, SUKATA	
vi.	SALOON COMPTT DOORS					KALSI	
vii.	VESTIBULE SLIDING DOOR					KALSI	
viii.	WATER TANKS					SHIVALIK, AMIT	
ix	UIC VESTIBULE					CEMCON	
x	LUGGAGE RACK					HANSPAL	
XI	FLOOR BOARD					NARBADA	
XII	PVC					RESPONSIVE	
10.							
10.1	Modification / Trail (if any):					NIL	
10.2	Deviations if any:					NIL	



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<b>12.</b>	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			4026		ECOR		LWSCZAC		14154		22-10-2014	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	146887						146888			
	ii.	<b>Frame No.</b>	FIAT-3418						FIAT-3516			
	iii.	<b>Bolster No.</b>	4268-P						3985-VT			
	iv.	<b>Axle No.</b>	126128/471			125606/377			128034/188		106243/629	
	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>	280-11603	293-11603	290-10583	286-16339	187-11596	074-11600	234-11603	230-10579		
	vii.	<b>R.B. Nos.</b>	31100	31600	13699	31800	27544	31905	37381	31097		
	viii.	<b>R.B. Make</b>	SKF			SKF			SKF		SKF	
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
<b>12.2</b>	<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>	G12-4-940	G12-4-1686	G12-4-997	G12-4-1796	G12-4-999	G12-4-1903	G12-4-1000	G12-4-1863			
ii.	<b>Ht. attest load</b>	510	466	511	467	511	467	511	467			
iii.	<b>Align .deviation</b>	6	17	8	18	9	17	9	15			
<b>12.3</b>	<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			G-13-3			G-13-3			GF	
	ii.	Primary inner Spring			G-12-6			G-12-16			GF	
	iii.	Primary Damper									KONI	
	iv.	Secondary damper									SACHS	
	v.	Lateral Damper									KONI	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper									FTI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									SGA	
	x.	Lateral Bump stop									GMT	
	xi.	Traction center make									SARITA	
	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									EMSON	
12.4	i.	<b>Modification / Trial (if any):</b>					NIL					
	ii.	<b>Deviations (if any):</b>					NIL					