



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5067	DISPATCH DATE				18.12.2015
2.	Railway	ECR	Type	LWACCN	Coach No.	15120	
3.	Booked to	SSE/C&W/SPJ					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	3.80 ± 0.15 Kg/cm <sup>2</sup>	3.80		
			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	NEROLAC	85/87		
	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				AIR FLOW	
	iii.	SEATS/ BERTHS				AAR KAY FOAMS	
	iv.	BODY SIDE DOOR				JBM, SUKATA	
	v.	VESTIBULE SLIDING DOOR				KALSI	
	vi.	SALOON DOOR				KALSI	
	vii.	WATER TANKS				KUTEER, MANOJ & SHIVALIK	
	viii.	UIC VESTIBULE				ESCORTS	
	ix	FLOOR BOARD				NARBADA	
	X	PVC				RESPONSIVE	
10.							
	10.1	Modification / Trail (if any):			FITTED WITH BIO DIGESTER OF M/s RAIL FAB		
	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>	
			5067		EC		LACCN		15120/C		16-11-2015	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	156809						156814			
	ii.	<b>Frame No.</b>	FIAT-4119						VS-08			
	iii.	<b>Bolster No.</b>	5195-P						5194-P			
	iv.	<b>Axle No.</b>	126074/475		127823/987		128247/991		126532/481			
	v.	<b>Wheel Dia.</b>	916.00	916.50	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	<b>Wheel Disc No.</b>	06225-00047	06202-00113	6202-00191	06222-00189	6228-00133	6220-00108	7150-00099	7172-00199		
	vii.	<b>R.B. Nos.</b>	21966	01237	21710	23342	23367	01242	22919	21729		
	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>				
		<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>	BPS-2015-2	G-12-8-3262	BPS-2015-14	G-12-8-3671	GBD-15-8-36	G-12-6-3510	GBD-15-8-40	G-12-6-3394			
ii.	<b>Ht. at test load</b>	511	466	512	467	512	467	510	467			
iii.	<b>Align .deviation</b>	4	12	6	15	8	21	7	20			
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-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			G-15-3			G-15-3			GF	
	iii.	Primary Damper			0130,0143,0120,0158			0129,0103,0140,0136			KNORR	
	iv.	Secondary damper			0170,0115			0124,0132			KNORR	
	v.	Lateral Damper			251			311			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			1327/691,1405/691,1373/691,1069/691			1801/691,1871/691,1800/691,1872/691			KBI	
	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									GMT,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, SARITA	
11.4	i.	<b>Modification / Trial (if any):</b>						NIL				
	ii.	<b>Deviations (if any):</b>						NIL				

LWACCN5067