



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5027	DISPATCH DATE				26.11.2015
2.	Railway	NR	Type	LWACCW	Coach No.	153082	
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	1104		
	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	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				AIR FLOW	
	iii.	SEATS/ BERTHS				AMIR CHAND	
	iv.	BODY SIDE DOOR				JBM, SUKATA	
	v.	VESTIBULE SLIDING DOOR				KALSI	
	vi.	COMPTT.DOOR				KALSI	
	vii.	WATER TANKS				KUTEER, E C BLADES	
	viii.	UIC VESTIBULE				ESCORT	
	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.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5027		NR		LACCW		153082/C		26-10-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156797						156798			
	ii.	Frame No.	VS-19						VS-05			
	iii.	Bolster No.	5127-GT						5132-GT			
	iv.	Axle No.	126862/470		128899/990		128217/984		129218/992			
	v.	Wheel Dia.	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00
	vi.	Wheel Disc No.	7166-00087	6228-00094	06207-00136	6202-00196	07166-00098	06202-00167	06207-00108	06222-00067		
	vii.	R.B. Nos.	01167	06840	01435	02736	30155	30158	29468	38860		
	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.	DN-12-5-1107	DN-12-6-1501	DN-12-5-1423	DN-12-6-1484	DN-12-9-2077	DN-12-10-2110	DN-12-8-2833	DN-12-10-1592			
ii.	Ht. at test load	502	464	502	466	507	463	507	464			
iii.	Align .deviation	18	2	19	4	11	14	11	17			
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			G-12-6			G-12-6			GF	
	iii.	Primary Damper			26071,25953,25908,25894			25974,26518,25208,26477			KONI	
	iv.	Secondary damper			1423,1414			1451,1417			GEREP	
	v.	Lateral Damper			257			259			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			1790/691,1873/691,1791/691,1875/691			1189/691,1860/691,1887/691,1857/691			KBI	
	viii.	Brake Disc									FTI,KBI	
	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	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

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