



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5053	DISPATCH DATE				26.05.2016
2.	Railway	NFR	Type	LWCBAC	Coach No.	16801	
3.	Booked to		SSE/C&W/GHY				
4.	Tare Weight of Coach		40.9 T				
5.	Carrying Capacity	Seating	NIL	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	1100	1102		
	v)	Buffer/CBC (Make)	FAVELLY	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	3.80 ± 0.15 Kg/cm ²	3.80		
			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	VIBGYOR	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 FAB	
	iii.	SEATS/ BERTHS				AMIR CHAND	
	iv.	BODY SIDE DOOR				JBM	
	v.	VESTIBULE SLIDING DOOR				JBM	
	vii.	WATER TANKS				AMIT & SHIVALIK	
	viii.	UIC VESTIBULE				ESCORT	
	ix	FLOOR BOARD				TAYAL	
	X	PVC				RESPONSIVE	
	Xi	LP SHEET				HINDOSTAN	
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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Page 2 of 3

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		5053	NFR	LWBAC	16801/C	26.05.2016				
11.1	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	166161				166162			
	ii.	Frame No.	FIAT-4563				FIAT-4564			
	iii.	Bolster No.	5499-P				5514-P			
	iv.	Axle No.	126977/476		129307/982		127922/988		129092/992	
	v.	Wheel Dia.	915.50	915.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	6220-00063	6202-00002	7222-00101	07222-00047	6210-00165	6210-00122	6227-00166	7216-00066
	vii.	R.B. Nos.	29532	34629	05679	22307	06693	22650	05801	22658
	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.	RSK-15-3-261	RSK-15-9-151	RSK-15-3-205	RSK-15-9-063	RSK-15-3-368	RSK-15-9-091	RSK-15-3-364	RSK-15-9-168	
ii.	Ht. at test load	511	464	512	462	511	468	510	467	
iii.	Align .deviation	10	35	6	32	16	35	17	35	
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	RSK-14-5			RSK-14-5			RSK	
	iii.	Primary Damper	2147,2120,1464,2301			2104,2179,2115,1462			GEREP	
	iv.	Secondary damper	364,376			223,32			GEREP	
	v.	Lateral Damper	3708			3622			KONI	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper	2060/691,2120/691 2059/691,2117/691			2058/691,2118/691 2061/691,2119/691			KBI	
	viii.	Brake Disc							KBI	
	ix.	Ball joint Control arm							MGN	
	x.	Lateral Bump stop							MGN	
	xi.	Traction center make							EMSON	
	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							SARITA	
11.4	i.	Modification / Trial (if any):	NIL							
	ii.	Deviations (if any):	NIL							

LWCBAC-5053