



ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5004	DISPATCH DATE			12.08.2015	
2.	Railway	NR	Type	LWSCZAC	Coach No.	153160	
3.	Booked to	SSE/C&W/NDLS					
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	1105		
	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>	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	VIBGYOR	87/88		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAIVELEY			
	iii.	CDTS		AIR FLOW			
	iv.	SEAT & BERTH		SUTLEJ			
	v.	BODY SIDE DOORS		JBM			
	vi.	SALOON COMPTT DOORS		KALSI			
	vii.	VESTIBULE SLIDING DOOR		CONCEPT			
	viii.	WATER TANKS		E C BLADES, SHIVALIK			
	ix	UIC VESTIBULE		ELASTOMER			
	x	LUGGAGE RACK		HUNSPAL			
	XI	FLOOR BOARD		TAYAL			
	XII	PVC		PREMIER POLYFILM			
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5004		NR		LWSCZAC		153160		22-07-2015	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156455						156458			
	ii.	Frame No.	FIAT-4079						FIAT-4053			
	iii.	Bolster No.	4839-VT						4707-P			
	iv.	Axle No.	C-4819			126737/468			128948/936		126125/471	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	310-10579	128-11611	214-11611	084-10582	351-63309	359-63309	370-63309	317-63307	317-63307	
	vii.	R.B. Nos.	04250	04778	03902	02206	04167	04179	04681	02112	02112	
	viii.	R.B. Make	TIMKEN			TIMKEN			TIMKEN		TIMKEN	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
12.2	<b>Secondary suspension load deflection Values:</b>											
	Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2			
			Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
i.	Make & nos.		DN-12-01-1251	DN-12-12-1346	DN-12-01-1217	DN-12-12-1562	DN-12-01-1202	DN-12-12-1191	DN-12-01-1228	DN-12-12-1428		
ii.	Ht. at test load		507	463	506	462	508	466	510	467		
iii.	Align .deviation		20	7	22	7	18	1	20	5		
12.3	<b>Items traceability:</b>											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			G-12-6			G-12-6			GF	
	ii.	Primary inner Spring			G-12-5			G-12-5			GF	
	iii.	Primary Damper			1202,1204,460,1264			1240,1125,1213,1241			GEREP	
	iv.	Secondary damper			5274,5238			3970,5001			KONI	
	v.	Lateral Damper			3207			3087			KONI	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			E15070/600,E15059/600, E15069/600,E15066/600			B15045/600,B15062/600, B15059/600,B15063/600			FTI	
	viii.	Brake Disc									FTI,KBI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									GMT	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									MGN	
	xiv.	Traction centre elastic									WINLANE	
	xv.	Secondary rubber pad									TESPAK	
	xvi.	Rubber spring									WINLANE	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									EMSON	
12.4	i.	Modification / Trial (if any):			TREAD CLEANING UNIT PROVIDED							
	ii.	Deviations (if any):			NIL							