



ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4008	DISPATCH DATE			13.05.2015
2.	Railway	SWR	Type	LWSCZ	Coach No.	14621
3.	Booked to	SSE/C&W/SBC				
4.	Tare Weight of Coach	40.5 T				
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage NIL
6.	Shell Details: (LJ90001))					
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 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	VIBGYOR	88/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAIVELEY		
iii.	CDTS			RAIL FAB		
iv.	SEAT & BERTH			SUTLEJ		
v.	BODY SIDE DOORS			JBM		
vi.	SALOON COMPTT DOORS			NA		
vii.	VESTIBULE SLIDING DOOR			KALSI		
viii.	WATER TANKS			RAIL FAB		
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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12.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			4008	SWR	LWSCZ	14621	14-02-2015			
12.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	156138				156139			
	ii.	Frame No.	FIAT-3793				FIAT-3790			
	iii.	Bolster No.	4492-VT				4477-GT			
	iv.	Axle No.	C-4748		Z-3295		A-3202		C-4595	
	v.	Wheel Dia.	915.00	915.00	915.50	915.00	915.00	915.00	915.00	915.00
	vi.	Wheel Disc No.	230-63302	179-63305	235-11603	054-11605	134-10582	027-11611	125-10570	125-63301
	vii.	R.B. Nos.	30264	27468	29866	36556	30180	30165	02468	31103
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
12.2	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.	CIAF-14-05-19	HZ-13-NIL	CIAF-14-05-	HZ-13-073	CIAF-14-05-26	HZ-13-004	CIAF-14-05-61	HZ-13-069	
ii.	Ht. attest load	512	468	511	465.50	511	466.90	511	465.20	
iii.	Align .deviation	15	36.60	14	36.20	13	48.30	15	49.90	
12.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			CMRSK-13-2		CMRSK-13-2		RSK	
	ii.	Primary inner Spring			CMRSK-14-5		CMRSK-14-5		RSK	
	iii.	Primary Damper							KONI	
	iv.	Secondary damper							GEREP	
	v.	Lateral Damper							GEREP	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper							FTI	
	viii.	Brake Disc							KBI	
	ix.	Ball joint Control arm							WINLANE	
	x.	Lateral Bump stop							GMT	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							GMT	
	xiv.	Traction centre elastic							SGA,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							SARITA	
12.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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