



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4003	DISPATCH DATE			20.5.2014	
2.	Railway	SEC	Type	LWSCN1	Coach No.	14201	
3.	Booked to	SSE/C&W/BSP					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	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	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	89/85.4	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
I	BRAKE EQUIPMENT					KBI	
ii	SEAT & BERTH					GANDHI	
iii	BODY SIDE DOORS					MOHAN RAIL	
iv	WATER TANKS					AMIT & SHIVALIK	
v	FLOOR BOARD					TAYAL	
vi	PVC FLOORING					RESPONSIVE	
vii	UIC VESTIBULE					KRP	
viii	VESTIBULE SLIDING DOOR					JBM	
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				
		4003	SEC	LWSCN1	14201	26-4-14				
12.1	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	146344				146345			
	ii.	Frame No.	FIAT-3089				FIAT-2582			
	iii.	Bolster No.	3726-P				3775-GT			
	iv.	Axle No.	W-4580		RWF-110540		RWF-110257		RWF-110550	
	v.	Wheel Dia.	918.00	918.00	918.00	918.00	918.00	918.00	917.00	917.50
	vi.	Wheel Disc No.	218-51910	330-50910	291-51916	130-50915	189-51908	185-51908	044-51916	119-51908
	vii.	R.B. Nos.	11994	95632	08826	07119	91612	06959	91601	05967
	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.	G-12-13-120	G-12-13-394	G-12-13-135	G-12-13-285	G-12-13-258	G-12-13-391	G-12-13-162	G-12-13-303	
ii.	Ht. attest load	516	470	515	470	513	471	514	471	
iii.	Align .deviation	4	20	3	15	1	16	1	19	
12.3	Items traceability:									
	S No.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	G-13-11		G-13-11		GF			
	ii.	Primary inner Spring	G-13-11		G-13-11		GF			
	iii.	Primary Damper					GEREP			
	iv.	Secondary damper					GEREP			
	v.	Lateral Damper					SACHS			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	H6258/691,H5195/691 H6271/691,H5154/691		H6910/691,H5221/691 H6837/691,H5427/691		KBI			
	viii.	Brake Disc					KBI			
	ix.	Ball joint Control arm					SGA			
	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					GMT			
	xv.	Secondary rubber pad					TESPAK			
	xvi.	Rubber spring					GMT			
	xvii.	Anti roll bar make					SARITA			
	xviii.	Ball joint roll link					SARITA			
	xix.	Fork make					EMSON			
12.4	i.	Modification / Trial (if any):					NIL			
	ii.	Deviations (if any):					NIL			

LWSCN1-4003