



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4008	DISPATCH DATE			29.8.2014	
2.	Railway	NR	Type	LWSCZAC	Coach No.	143175	
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 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	86.4/87.4	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				KBI		
iii.	CDTS				AMIT		
iv.	SEAT & BERTH				SUTLEJ		
v.	BODY SIDE DOORS				JBM		
vi.	SALOON COMPTT DOORS				KALSI		
vii.	VESTIBULE SLIDING DOOR				JBM		
viii.	WATER TANKS				AMIT		
ix	UIC VESTIBULE				KRP		
x	LUGGAGE RACK				HANS PAL		
. Xi	FLOOR				TAYAL		
xii	PVC				RESPONSIVE		
xii	LP SHEET				KAE		
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	NR	LWSCZAC	143175	14-05-14			
12.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	146362				146375			
	ii.	Frame No.	FIAT-3057				FIAT-3117			
	iii.	Bolster No.	143-HEI				131-HEI			
	iv.	Axle No.	W-4656		W-4523		W-4659		T-4543	
	v.	Wheel Dia.	915.00	915.50	916.00	916.00	916.00	916.00	916.50	916.50
	vi.	Wheel Disc No.	337-63307	326-62310	384-63302	084-63307	138-63301	222-63502	075-51910	318-51910
	vii.	R.B. Nos.	07626	08803	07871	07619	07106	08810	07202	12021
	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.	DN-13-12-1091	G-4-13-5240	DN-3-12-3233	G-4-13-5167	DN-12-13-1741	DN-12-4054	DN-12-3-1742	DN-12-4076	
ii.	Ht. attest load	507	465	506	465	507	465	508	466	
iii.	Align .deviation	22	18	20	16	14	16	12	15	
12.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			L&S-02-13		L&S-02-13		L&S	
	ii.	Primary inner Spring			L&S-05-12		L&S-05-12		L&S	
	iii.	Primary Damper							SACHS	
	iv.	Secondary damper							SACHS	
	v.	Lateral Damper							SACHS	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper							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							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							EMSON	
12.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				