



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6051	DISPATCH DATE				07.01.2017
2.	Railway	NR	Type	LGS	Coach No.	163507	
3.	Booked to	SSE/C&W/					
4.	Tare Weight of Coach	40.665 T					
5.	Carrying Capacity	Seating	100	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	GS	87/88		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
I	BRAKE EQUIPMENT			KBI			
ii	SEAT & BERTH			OVPL			
iii	BODY SIDE DOORS			JBM, SUKATA			
iv	WATER TANKS			RAIL FAB, RUBICONE			
v	FLOOR BOARD			TWPL			
VI	PVC			RESPONSIVE			
Vii	LP SHEET			--			
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			6051	NR	LGS	163507/C	24-12-2016			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	167112				167113			
	ii.	Frame No.	SCI/FM-713				SCI/FM-719			
	iii.	Bolster No.	6437-P				6448-GT			
	iv.	Axle No.	P-9513		R-3146		R-3049		N-6791	
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	916.00	916.00	917.00	917.00
	vi.	Wheel Disc No.	05872-6QL9	03848-6QJ3	00162-6105	00022-6105	00142-6132	00019-6132	00180-6110	00150-6110
	vii.	R.B. Nos.	93500	80527	94726	94032	88130	86673	81594	79858
	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-16-4-93	RSK-15-10-976	RSK-16-4-324	RSK-15-10-884	RSK-16-4-320	RSK-15-10-931	RSK-16-4-387	RSK-15-10-964	
ii.	Ht. at test load	514	472	516	471	516	470	515	469	
iii.	Align .deviation	6	4	6	5	9	4	8	4	
11.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			G-14-3		G-14-3		GF	
	ii.	Primary inner Spring			G-15-9		G-15-9		GF	
	iii.	Primary Damper			26,107,65,2		63,180,115,42		GEREP	
	iv.	Secondary damper			65,712		390,300		GEREP	
	v.	Lateral Damper			0249		0239		SV	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper			4261/691,4266/691 4262/691,4263/691		4263/691,4264/691 4264/691,4265/691		KBI	
	viii.	Brake Disc							FTI	
	ix.	Ball joint Control arm							MGN	
	x.	Lateral Bump stop							GMT	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							LWF	
	xiii.	Ball joint traction lever							SGA	
	xiv.	Traction centre elastic							SGA	
	xv.	Secondary rubber pad							TECSPACK	
	xvi.	Rubber spring							GMT	
	xvii.	Anti roll bar make							SARITA	
	xviii.	Ball joint roll link							SARITA	
	xix.	Fork make							SARITA	
11.4	i.	Modification / Trial (if any):			NIL					
	ii.	Deviations (if any):			NIL					