



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4027	DISPATCH DATE			03.12.2014
2.	Railway	SECR	Type	LWLRRM	Coach No.	14857
3.	Booked to	SSE/C&W/BSP				
4.	Tare Weight of Coach	53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage 3.9 T
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	
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make		
i.	BRAKE EQUIPMENT			FAIVELEY		
iii.	CDTS			STONE INDIA		
iv.	SEATS/S&B			RAIL TECH		
v.	BODY SIDE DOOR			JBM		
vi.	VESTIBULE SLIDING DOOR			JBM		
vii.	CREW-GEN & GUARD ROOM DOOR			JBM/JBM		
viii.	WATER TANKS			SHIVALIK		
ix	FUEL TANK			GAURAV		
x	UIC VESTIBULE			CEMCON		
XI	FLOOR BOARD			TAYAL		
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	
			4027		SEC		LWLRRM		14857/C		10-11-2014	
12.1	Wheel & Axle Details:		LPC-1 PP Side(Guard)					LPC-II NPP Side (Non guard)				
	i.	Bogie No.	146935					146936				
	ii.	Frame No.	ECBT-879					ECBT-895				
	iii.	Bolster No.	095/GT/ASR					4274-P				
	iv.	Axle No.	Z-3711		Z-3451		Z-3590		127041/476			
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	917.00	917.00	916.00	916.00		
	vi.	Wheel Disc No.	188-10579	341-10568	275-10559	041-11600	344-10559	173-10579	280-10570	056-10568		
	vii.	R.B. Nos.	36701	36466	36635	37993	02897	31534	36595	27459		
	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-12-11-050	G-13-5-069	G-12-11-056	G-13-5-035	CMGBD-14-1-638.68-8	G-12-9-216	CMGBD-14-1-638.68-3	G-12-9-295			
ii.	Ht. attest load	510	466	510	467	515	468	515	469			
iii.	Align .deviation	6	11	3	9	6	9	5	8			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			L&S-12-5		L&S-12-5		L&S			
	ii.	Primary inner Spring			L&S-13-2		L&S-12-5		L&S			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							SACHS			
	v.	Lateral Damper							KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							FTI			
	viii.	Brake Disc							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							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							