



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4033	DISPATCH DATE				22.01.2015
2.	Railway	WR	Type	LWACCW	Coach No.	140615	
3.	Booked to		SSE/C&W/ADI				
4.	Tare Weight of Coach		52				
5.	Carrying Capacity	Seating	52	Sleeping	52	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	NIL	
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				KBI		
ii.	CDTS/ BIO TOILET				M K PRECISION		
iii.	SEATS/ BERTHS				SAVITRI		
iv.	BODY SIDE DOOR				JBM		
v.	VESTIBULE SLIDING DOOR				KALSI		
vi.	COMPTT.DOOR				JR		
vii.	WATER TANKS				AMIT, SHIVALIK, KUTEER		
viii.	UIC VESTIBULE				CEMCON		
ix	FLOOR BOARD				NARBADA		
X	PVC				RESPONSIVE/PREMIER POLIFILM		
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	
			4033		WR		LWACCW		140615		04-12-2014	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	146998						147001			
	ii.	Frame No.	FIAT-3639						FIAT-3625			
	iii.	Bolster No.	4058-VT						4429-VT			
	iv.	Axle No.	126750/468		128975/986		127855/987		105886/627			
	v.	Wheel Dia.	916.00	915.50	916.00	916.00	915.50	916.00	916.00	916.00		
	vi.	Wheel Disc No.	033-51908	201-51908	143-51915	218-51908	288-51915	024-51916	301-51910	018-51915		
	vii.	R.B. Nos.	37420	36552	36542	36325	36308	36452	02962	36719		
	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-12-5-1121	G-13-4-4322	G-12-5-918	G-13-4-4334	G-12-4-1035	G-12-4-2089	G-12-4-951	G-12-4-1859			
ii.	Ht. attest load	511	467	511	466	509	465	508	467			
iii.	Align .deviation	6	24	6	25	5	15	2	12			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			G-12-06		G-12-06		GF			
	ii.	Primary inner Spring			G-12-06		G-12-06		GF			
	iii.	Primary Damper							GEREP			
	iv.	Secondary damper							SACHS			
	v.	Lateral Damper							GEREP			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							KBI			
	viii.	Brake Disc							KBI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							GMT			
	xi.	Traction center make							EMSON,SARITA			
	xii.	Traction lever make							EMSON,SARITA			
	xiii.	Ball joint traction lever							GMT			
	xiv.	Traction centre elastic							GMT,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					

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