



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4057	DISPATCH DATE				15.05.2015
2.	Railway	NR	Type	LWACCW	Coach No.	153060	
3.	Booked to			SSE/C&W/NDLS			
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		1102	1100	
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		ADVANCE	87/87	
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				DARSHAN		
iii.	SEATS/ BERTHS				AMIR CHAND		
iv.	BODY SIDE DOOR				SUKATA		
v.	VESTIBULE SLIDING DOOR				KALSI		
vi.	COMPTT.DOOR				KALSI		
vii.	WATER TANKS				SHIVALIK, KUTEER, AMIT		
viii.	UIC VESTIBULE				FRIKMART		
ix	FLOOR BOARD				TAYAL		
X	PVC				RESPONSIVE		
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			4057		NR		LWACCW		153060/C		07-02-2015	
12.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	156114					156115				
	ii.	Frame No.	SCI-FM-101					FIAT-3753				
	iii.	Bolster No.	4484-GT					4507-GT				
	iv.	Axle No.	C-4746		C-4417		C-4126		Z-3849			
	v.	Wheel Dia.	916.00	916.50	916.50	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	Wheel Disc No.	236-11611	339-63301	342-63301	230-11600	120-63302	125-11600	144-10582	026-10579		
	vii.	R.B. Nos.	01404	31481	32339	31128	01410	36218	36950	25214		
	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.	CMGBD-12-10-51425-891	HZ-13-075	CMGBD-12-10-51425-67	HZ-13-091	CMGBD-12-10-51425-43	HZ-13-089	CMGBD-12-10-51425-57	HZ-13-078			
ii.	Ht. attest load	508	463.60	512	467.60	512	464.40	510	468			
iii.	Align .deviation	22	39	26	39.40	30	43.30	26	34.30			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			CMRSK-13F-03R-2891			CMRSK-13F-03R-2891			CMRSK	
	ii.	Primary inner Spring			CMRSK-14F-02R-1702			CMRSK-14F-02R-1702			CMRSK	
	iii.	Primary Damper			22703,23278,22464,22902			23265,23009,23267,22981			KONI	
	iv.	Secondary damper			16,95			32,11			GEREP	
	v.	Lateral Damper			499			335			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			I-2653/691,I-2650/691, I-2650/691,I-5895/691			I-4676/691,I-5152/691, I-4675/691,I-4705/691			KBI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									BHAM,MGN	
	x.	Lateral Bump stop									MTC	
	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									SARITA	
12.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					