



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6058	DISPATCH DATE				17.02.2017
2.	Railway	NFR	Type	LWLRRM	Coach No.		16856
3.	Booked to			SSE/C&W/GHY			
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		APEX	88	
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT				KBI	
	iii.	BIOTOILET				RAIL TECH	
	iv.	SEATS/S&B				ARR KAYEE	
	v.	BODY SIDE DOOR				SUKATA	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				JBM/CP	
	viii.	WATER TANKS				MANOJ(AUX),AMIT (U/S)	
	ix	FUEL TANK				SHIVALIK	
	x	UIC VESTIBULE				KRP	
	XI	FLOOR BOARD					
	XII	PVC					
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			6058	NFR	LWLRRM	16856	02-02-2017			
11.1	Wheel & Axle Details:		LPC-I PP Side(Guard)				LPC-II NPP Side (Non Guard)			
	i.	Bogie No.	176093				176094			
	ii.	Frame No.	FIAT-5299				FIAT-5327			
	iii.	Bolster No.	6599-GT				6610-P			
	iv.	Axle No.	N-1053		N-5671		K-5801		N-0490	
	v.	Wheel Dia.	917.00	917.00	918.00	918.00	918.00	918.00	917.00	916.50
	vi.	Wheel Disc No.	00009-7301	00105-7301	00067-6107	00004-6104	00156-6014	00107-6070	00057-6008	00116-6129
	vii.	R.B. Nos.	05280	33933	34141	86299	22198	21067	22286	22188
	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.	GBD-16-11-18	GBD-16-6-64	GBD-16-11-05	GBD-16-6-80	RSK-16-6-236	RSK-16-7-203	RSK-16-6-654	RSK-16-7-466	
ii.	Ht. at test load	512	468	511	467	515	470	515	471	
iii.	Align .deviation	10	10	9	10	8	28	6	26	
11.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			L&S-15-12		L&S-15-12		L&S	
	ii.	Primary inner Spring			L&S-15-11		L&S-15-11		L&S	
	iii.	Primary Damper			36590,36544,36075,36105		36004,36080,36108,36093		KONI	
	iv.	Secondary damper			578,653		0410,0637		SV	
	v.	Lateral Damper			211		118		SV	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper			5365/261,L0346/260 5367/261,5262/261		5367/261,5262/261 5368/261,5259/261		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							SARITA, AWF	
	xiii.	Ball joint traction lever							SGA	
	xiv.	Traction centre elastic							SGA	
	xv.	Secondary rubber pad							TECSPAK	
	xvi.	Rubber spring							GMT	
	xvii.	Anti roll bar make							SARITA, EMSON	
	xviii.	Ball joint roll link							SARITA	
	xix.	Fork make							EMSON	
11.4	i.	Modification / Trial (if any):			NIL					
	ii.	Deviations (if any):			NIL					

