



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6084			DISPATCH DATE	03.08.2017	
2.	Railway	NWR	Type	LWLRRM	Coach No.	17854	
3.	Booked to	SSE/C&W/BKN					
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)	CBC Height	Specified : 1105 +0 /-15 mm		1098	1100		
v)	CBC (Make)	ESCORT		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.	BIO TANK			RAIL FAB			
iv.	SEATS/S&B			AMIR CHAND			
v.	BODY SIDE DOOR			---			
vi.	VESTIBULE SLIDING DOOR			HANSPAL			
vii.	CREW-GEN & GUARD ROOM DOOR			--			
viii.	WATER TANKS			SHIVALIK, AMIT			
ix	FUEL TANK			GAURAV ASSOCIATE			
x	UIC VESTIBULE			SSIPL			
XI	FLOOR BOARD			NARBADA			
XII	PVC			RESPONSIVE			
XII	LP SHEET			--			
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			
			6084	NWR	LWLRRM	17854	10-03-2017			
11.1	Wheel & Axle Details:		Gen.van side 1 hand brake				Gen.van side 2			
	i.	Bogie No.	176202				176214			
	ii.	Frame No.	FIAT-5526				FIAT-5555			
	iii.	Bolster No.	6709-P				6731-P			
	iv.	Axle No.	N-0543		S-2985		R-3667		S-9967	
	v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
	vi.	Wheel Dia.	916.00	916.00	916.00	916.00	917.00	917.00	917.00	917.00
	vii.	Wheel Disc No.	00068/6 216	00441/6 212	00080/6 044	00031/6 044	00061/6 202	00038/6 225	00178/6 217	00038/6 12-2 8
	viii.	R.B. Nos.	81694	77521	78861	76755	75912	86413	86425	75916
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING								
11.2	Secondary suspension load deflection Values:									
Description		Lateral Damper Side		Non Lat. Damper side		Lateral Damper Side		Non Lat.Damper side		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	G-15-9-073	G-15-10-152	G-15-9-066	G-15-10-221	RSK-16-10-536	GBD-15-12-5	RSK-16-10-529	GBD-15-12-2	
ii.	Ht. at test load	512	466	512	464	514	471	513	471	
iii.	Align .deviation	5	8	6	10	4	7	4	6	
11.3	Items traceability:									
	Sno.	Item						Make		
i.		Primary Outer Spring			L&S-15-12		L&S-15-12		L&S	
ii.		Primary inner Spring			FSK-16-09		L&S-15-11		FSK ,L&S	
iii.		Primary Damper						KONI		
iv.		Secondary damper			0155,0135		0095,0167		SV	
v.		Lateral Damper			0466		0484		SV	
vi.		Brake cylinder & Caliper			B17005/2000,C17009/2000 B17002/2000,C17013/2000		A17008/2000,A17001/2000 A17010/2000,B17016/2000		FTI	
vii.		Brake Disc						FTI,KBI		
viii.		Control arm top						KUMAR		
ix.		Control arm bottom						KUMAR		
x.		Top Rubber Pad						GMT		
xi.		Vertical Bump Stop						GMT		
xii.		Ball joint Control arm						MGN		
xiii.		Lateral Bump stop						GMT		
xiv.		Traction center make						EMSON		
xv.		Traction lever make						SARITA		
xvi.		Ball joint traction lever						SGA		
xvii.		Traction centre elastic						SGA		
xviii.		Secondary rubber pad						TECSPAK		
xix.		Rubber spring						GMT		
xx.		Anti roll bar make						EMSON, SARITA		
xxi.		Ball joint roll link						SARITA		
xxii.		Fork make						EMSON, SARITA		
11.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

LWLRRM-6084