



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 2

रोलिंग स्टॉक प्रमाण-पत्र

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6076	DISPATCH DATE			13.05.2017	
2.	Railway	NR	Type	LWLRRM	Coach No.	163682	
3.	Booked to	SSE/C&W/DLI					
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	VIBGYOR	86		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORTS			
	iii.	CDTS		RAIL TECH			
	iv.	SEATS/S&B		AMIR CHAND			
	v.	BODY SIDE DOOR		JVR			
	vi.	VESTIBULE SLIDING DOOR		HP			
	vii.	CREW-GEN & GUARD ROOM DOOR		JBM/KALSI			
	viii.	WATER TANKS		AMIT & RAIL TECH			
	ix	FUEL TANK		GAURAV			
	x	UIC VESTIBULE		ESCORTS			
	XI	FLOOR BOARD		NARBADA			
	XII	PVC		RESPONSIVE			
	XIII	PARTITION PANEL		PL			
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			
			6076	NR	LWLRRM	163682	24-03-2017			
11.1	Wheel & Axle Details:		Gen.van side 1 hand brake				Gen.van side 2			
	i.	Bogie No.	176247				176248			
	ii.	Frame No.	FIAT-5422				SCI/FM-795			
	iii.	Bolster No.	6734-P				6753-P			
	iv.	Axle No.	S-9476		S-9974		S-9544		R-3649	
	v.	Items/location s	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.	917.00	917.00	917.00	917.00	916.50	916.00	917.00	917.00
	vii.	Wheel Disc No.	00087/6193	00054/6108	00081/6225	00146/6196	00096/6070	00165/6225	00145/6196	00048/6139
	viii.	R.B. Nos.	86246	77058	83648	79860	86268	79925	80529	77056
	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-15-9-080	G-15-10-217	G-15-9-076	G-15-10-165	RSK-16-10-512	G-15-10-040	RSK-16-10-521	G-15-10-034	
ii.	Ht. at test load	509	466	510	467	514	470	513	471	
iii.	Align .deviation	4	9	4	8	2	13	4	15	
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			L&S-15-11		L&S-15-11		L&S	
	iii.	Primary Damper			37117,37209,37465,37331		36900,37171,37241,37165		KONI	
	iv.	Secondary damper			0687,0652		0587,0628		SV	
	v.	Lateral Damper			L-0500		0459		SV	
	vi.	Brake cylinder & Caliper			19272/BZ10J12,19302/BZ10J12 19273/BZ10J12,19301/BZ10J12		19281/BZ10J12,19123/BZ10J12,19282/BZ10J12,19122/BZ10J12		ESCORT S	
	vii.	Brake Disc							FTI	
	viii.	Control arm top							KUMAR	
	ix.	Control arm bottom							KUMAR	
	x.	Top Rubber Pad							SGA	
	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							SARITA ,EMSON	
	xxi.	Ball joint roll link							SARITA	
	xxii.	Fork make							SARITA	
11.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

