



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7001	DISPATCH DATE				29.06.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173603	
3.	Booked to	SSE/C&W/NDLS					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
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)	SANROK		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	87/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				FAIVELEY		
iii.	BIO TOILET				RAIL TECH, JSL		
iv.	SEAT & BERTH				ADVANCE		
v.	BODY SIDE DOORS				JVR		
vi.	SALOON COMPTT DOORS				--		
vii.	VESTIBULE SLIDING DOOR				HANSPAL		
viii.	WATER TANKS				RAIL FAB		
ix	UIC VESTIBULE				SSIPL		
x	LUGGAGE RACK				HANSPAL		
XI	FLOOR BOARD				TWPL		
XII	PVC				RESPONSIVE		
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				
		7001	NR	LWSCZ	173603	02-05-2017				
11.1	Wheel & Axle Details:									
	i.	Bogie No.	176400			176401				
	ii.	Frame No.	FIAT-5655			FIAT-5556				
	iii.	Bolster No.	6861-GT			6919-P				
	iv.	Axle No.	R-3237	W-2990	W-3131	K-6500				
	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.	917.00	917.00	916.50	916.50	917.00	917.00	917.00	917.00
	vii.	Wheel Disc No.	00146/72 50	00054/72 74	00069/257 0	00140/22 74	00181/6 107	00007/61 39	00148/622 5	00669/60 67
	viii.	R.B. Nos.	77886	76631	76404	79630	06217	79775	77223	77556
	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.	FSK-17-2-88	GBD-16-12-120	FSK-17-2-113	GBD-16-12-42	FSK-17-2-80	GBD-16-12-73	FSK-17-2-51	GBD-16-12-119	
ii.	Ht. at test load	508	468	507	468	510	468	508	468	
iii.	Align .deviation	11	12	9	10	12	10	12	10	
11.3	Items traceability:									
	Sno.	Item						Make		
	i.	Primary Outer Spring		FSK-17-01		FSK-17-01		FSK		
	ii.	Primary inner Spring		G-12-6		G-12-6		GF		
	iii.	Primary Damper		36556,36463,36600,36560		35412,36444,36451,36442		KONI		
	iv.	Secondary damper		0280,0367		0386,0384		SV		
	v.	Lateral Damper		0027		0226		SV		
	vi.	Brake cylinder & Caliper		K16194/600,K16187/600 K16174/600,K16272/600		K16204/600,K16178/600 K16205/600,K16195/600		FTI		
	vii.	Brake Disc						KBI		
	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						AFW		
	xvi.	Ball joint traction lever						MGN		
	xvii.	Traction centre elastic						GMT		
	xviii.	Secondary rubber pad						TECSPAK		
	xix.	Rubber spring						GMT		
	xx.	Anti roll bar make						SARITA		
	xxi.	Ball joint roll link						SARITA		
	xxii.	Fork make						EMSON		
11.4	i.	Modification / Trial (if any):						NIL		
	ii.	Deviations (if any):						NIL		

LWSCZ-7001