



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7026	DISPATCH DATE				19.07.2017
2.	Railway	NR	Type	LWSCN1	Coach No.	173257	
3.	Booked to		SSE/C&W/NDLS				
4.	Tare Weight of Coach		41.239 T				
5.	Carrying Capacity	Seating	80	Sleeping	80	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	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	86/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	I	BRAKE EQUIPMENT	FAIVELEY				
	ii	SEAT & BERTH	OVPL				
	lii	BODY SIDE DOORS	JBM, JVR				
	lv	WATER TANKS	RAIL TECH & SHIVALIK				
	v	FLOOR BOARD	TWPL				
	vi	PVC FLOORING	RESPONSIVE				
	vii	UIC VESTIBULE	POLYMER				
	viii	VESTIBULE SLIDING DOOR	KALSI				
	VIII	BIO TOILET	RAIL TECH, RAIL FAB				
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176517584

11. Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7026	NR	LWSCR	173251/C	19-JUL-17			
11.1 Wheel & Axle Details:									
i.	Bogie No.	176517			176584				
ii.	Frame No.	ECBT-098			FIAT-5680				
iii.	Bolster No.	P-7039			P-7046				
iv.	Axle No.	W-3173		W-3234	S-9944	W-2959			
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	916.50
vii.	Wheel Disc No.	00103-6194	00063-6070	00101-6188	00081-6070	00799-6QJ9	08636-6QJ6	00057-6QH5	03420-6QG8
viii.	RB Nos.	02938	03258	03294	03191	04108	04795	04404	04504
ix.	RB Make	TIMKEN		TIMKEN	TIMKEN		TIMKEN		
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-17-04-071	FSK-17-04-100	FSK-17-04-4	FSK-17-04-19	FSK-17-04-12	FSK-17-04-032	FSK-17-04-40	FSK-17-04-90
ii.	Ht. at lest load	514.00	471.50	514.00	471.00	513.00	469.50	512.00	470.00
iii.	Align. deviation	12.00	7.00	9.00	4.00	9.00	8.00	10.00	10.00
Items traceability:									
11.3		Sno. Item				Make			
i.	Primary Outer Spring	FSK-17-03			FSK-17-03		FSK		
ii.	Primary inner Spring	GBD-16-12			FSK-16-12		GBD FSK		
iii.	Primary Damper	33451, 33070, 33343, 33446			32461, 32469, 32853, 32868		KONI		
iv.	Secondary Damper	511, 513			321, 339		GEREP		
v.	Lateral Damper	07			130		GABRIEL		
vi.	Break cylinder & Caliper	M16283, M16295, M16281, M16293			M16214, M16408, M16213, M16407		FTI		
vii.	Break Disc						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		GMT
xiii.	Lateral Bump stop						GMT MGN		
xiv.	Traction center make						EMSON		
xv.	Traction lever make						SARITA		
xvi.	Ball joint traction lever						SCA		
xvii.	Traction center elastic						SCA		GMT
xviii.	Secondary rubber pad						TECSPAK		DUREL
xix.	Rubber spring						GMT		
xx.	Anti roll bar make						EMSON		
xxi.	Ball joint roll link						SARITA		
xxii.	FORK make						RNG		
11.4		i. Modification/Trail (if any):		NIL					
		ii. Deviations (if any):		NIL					