



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 2

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7010	DISPATCH DATE			17.06.2017	
2.	Railway	WR	Type	LWFAC	Coach No.	16003	
3.	Booked to	SSE/C&W/BCT/M					
4.	Tare Weight of Coach	43.6 T					
5.	Carrying Capacity	Seating	24	Sleeping	24	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		1102	1100	
v)	Buffer/CBC (Make )		SANROK		Fiba Device	NIL	
7.	Air Brake Testing:		Description		Specified	Observed	
7.1	Full Brake Application		Reduce pressure of BP from 5.0 to 3.4 kg/cm <sup>2</sup>		6 -10 sec	6 Sec	
			Max Pressure in BC		3.00 ± 0.15 Kg/cm <sup>2</sup>	3.00	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm <sup>2</sup> /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT		VIBGYOR	86/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		FAIVELEY				
ii.	BIO TOILET		M K PRECISION				
iii.	SEATS/ BERTHS		AAR KAY FOAMS				
iv.	BODY SIDE DOOR		JBM				
v.	VESTIBULE SLIDING DOOR		HANSPAL				
vi.	SALOON DOOR		KALSI				
vii.	WATER TANKS		SHIVALIK				
viii.	UIC VESTIBULE		SSIPL				
ix	FLOOR BOARD		NARBADA				
x	PVC FLOORING		RESPONSIVE				
10.							
i	Modification / Trail (if any):				NIL		
ii	Deviations if any:				NIL		



**रेल डिब्बा कारखाना**  
**RAIL COACH FACTORY, KAPURTHALA**

Bogie Pair ID: 176468469

11.	Bogie Details:	Shell No.	Railway		Type	Coach No.	Dispatch Date		
		7010	WR		LWFAC	16003/C	17-JUN-17		
<b>11.1 Wheel &amp; Axle Details:</b>									
i.	Bogie No.	176468				176469			
ii.	Frame No.	FIAT-5660				FIAT-5701			
iii.	Bolster No.	GT-6963				F-6985			
iv.	Axle No.	S-9861		W-3427		W-2894		N-6598	
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.	916.50	916.50	917.00	916.50	916.00	916.00	916.50	916.00
vii.	Wheel Disc No.	00056-6069	00077-6129	00137-6069	00191-6069	00148-6067	00177-6129	00026-6132	00111-6109
viii.	RB Nos.	01660	03234	00961	00697	02813	03145	01768	02037
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	JIC CARTRIDGE TAPER ROLLER BEARING							
<b>11.2 Secondary suspension load deflection Values:</b>									
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-17-3-123	GBD-16-12-021	FSK-17-3-030	GBD-16-12-036	FSK-17-3-082	GBD-16-12-037	FSK-17-3-100	GBD-16-12-044
ii.	Ht. at rest load	509.00	468.00	510.00	468.00	507.00	466.00	509.00	468.00
iii.	Align. deviation	7.00	10.00	8.00	11.00	10.00	9.00	12.00	9.00
<b>Items traceability:</b>									
11.3	Sno.	Item						Make	
	i.	Primary Outer Spring						FSK	
	ii.	Primary inner Spring						FSK	
	iii.	Primary Damper						KONI	
	iv.	Secondary Damper						GABRIEL	
	v.	Lateral Damper						SV	
	vi.	Break cylinder & Caliper						FTI	
	vii.	Break Disc						KBI FTI	
	viii.	Control arm top						KUMAR	
	ix.	Control arm bottom						KUMAR	
	x.	Top rubber Pad						SCA	
	xi.	Vertical Bump Stop						GMT	
	xii.	Ball Joint Control arm						MGN	
	xiii.	Lateral Bump stop						MGN	
	xiv.	Traction center make						EMSON	
	xv.	Traction lever make						APW	
	xvi.	Ball joint traction lever						MGN	
	xvii.	Traction center elastic						GMT	
	xviii.	Secondary rubber pad						TECSPAK	
	xix.	Rubber spring						FRAG	
	xx.	Anti roll bar make						SARITA	
	xxi.	Ball joint roll link						SARITA	
	xxii.	Fork make						SARITA	
11.4	i.	Modification/Trail (if any):		NIL					
	ii.	Deviations (if any):		NIL					

LWFAC-7010