



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.	7005	DISPATCH DATE				06.07.2017
2.	Railway	NWR	Type	LWLRRM	Coach No.	17855	
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)	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 <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	85/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				FAIVELEY		
iii.	CDTS				RAIL FAB		
iv.	SEATS/S&B				AMIR CHAND		
v.	BODY SIDE DOOR				JVR		
vi.	VESTIBULE SLIDING DOOR				HANSPAL		
vii.	CREW-GEN & GUARD ROOM DOOR				JBM/KALSI		
viii.	WATER TANKS				AMIT & SHIVALIK		
ix	FUEL TANK				GAURAV		
x	UIC VESTIBULE				SSIPL		
XI	FLOOR BOARD				NARBADA		
XII	PVC				RESPONSIVE		
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



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11.	<b>Bogie Details:</b>	<b>Shell No.</b>	<b>Railway</b>	<b>Type</b>	<b>Coach No.</b>	<b>Dispatch Date</b>				
		7005	NWR	LWLRRM	17855	12-04-2017				
11.1	<b>Wheel &amp; Axle Details:</b>	<b>Gen.van side 1 hand brake</b>				<b>Gen.van side 2</b>				
	i.	<b>Bogie No.</b>	176338				176339			
	ii.	<b>Frame No.</b>	FIAT-5599				ECBT-045			
	iii.	<b>Bolster No.</b>	6866-GT				6811-P			
	iv.	<b>Axle No.</b>	W-3361		S-9839		R-3180		W-2279	
	v.	<b>Items/locations</b>	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
	vi.	<b>Wheel Dia.</b>	916.50	916.00	916.00	916.00	916.00	916.50	916.00	916.00
	vii.	<b>Wheel Disc No.</b>	00130/6217	00177/6198	00179/6178	00045/6198	00162/7274	00024/7274	00167/6134	00116/6216
	viii.	<b>R.B. Nos.</b>	77661	78903	77526	78757	62917	77378	78942	79771
	ix.	<b>R.B. Make</b>	SKF		SKF		SKF		SKF	
	x.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	<b>Secondary suspension load deflection Values:</b>									
	<b>Description</b>	<b>Lateral Damper Side</b>		<b>Non Lat. Damper side</b>		<b>Lateral Damper Side</b>		<b>Non Lat.Damper side</b>		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	<b>Make &amp; nos.</b>	G-15-9-057	G-15-10-149	G-15-9-109	G-15-10-173	RSK-16-6-448	G-15-10-215	RSK-16-6-733	G-15-10-212	
ii.	<b>Ht. at test load</b>	512	465	511	467	515	470	513	472	
iii.	<b>Align .deviation</b>	5	7	8	8	3	12	6	12	
11.3	<b>Items traceability:</b>									
	<b>Sno.</b>	<b>Item</b>							<b>Make</b>	
	i.	Primary Outer Spring			L&S-16-12		L&S-16-12		L&S	
	ii.	Primary inner Spring			GBD-16-8		GBD-16-8		GBD	
	iii.	Primary Damper			35696,35770,35736,35517		35742,35737,35637,35579		KONI	
	iv.	Secondary damper			0713,0677		0686,0655		SV	
	v.	Lateral Damper			0407		0151		SV	
	vi.	Brake cylinder & Caliper			A17014/2000,L17015/2000 A17013/2000,L17014/2000		A17004/2000,A17005/2000 A17001/2000,A17006/2000		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							SARITA	
	xv.	Traction lever make							SARITA	
	xvi.	Ball joint traction lever							MGN	
	xvii.	Traction centre elastic							SGA	
	xviii.	Secondary rubber pad							TECSPAK	
	x ix.	Rubber spring							GMT	
	x x.	Anti roll bar make							SARITA	
	x xi.	Ball joint roll link							SARITA	
	x xii.	Fork make							RNG	
11.4	i.	<b>Modification / Trial (if any):</b>				NIL				
	ii.	<b>Deviations (if any):</b>				NIL				

LPC-7005