



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5074	DISPATCH DATE				18.4.2016
2.	Railway	ECR	Type	LWACCN	Coach No.	16101	
3.	Booked to	SSE/C&W/RNCC					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	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 ²	6 -10 sec	6 Sec		
			Max Pressure in BC	3.80 ± 0.15 Kg/cm ²	3.80		
			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	87/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	FAIVELEY				
	ii.	CDTS/ BIO TOILET	RAIL FAB				
	iii.	SEATS/ BERTHS	AAR KAY FOAMS				
	iv.	BODY SIDE DOOR	JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	COPTT,DOOR	RT				
	vii.	WATER TANKS	AMIT & SHIVALIK				
	viii.	UIC VESTIBULE	ESCORT				
	ix	FLOOR BOARD	NARBADA				
	X	PVC	RESPONSIVE				
10.	Modification / Trail (if any):					FITTED WITH BIO DIGESTER OF M/s RAIL FAB	
	10.1	Deviations if any:				NIL	



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11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5074	EC	LACCN	16101/C	23-01-2016			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	166068				166069			
	ii.	Frame No.	FIAT-4610				FIAT-4601			
	iii.	Bolster No.	5458-P				5265-P			
	iv.	Axle No.	127994/994	128468/988	127052/476	126036/475				
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	915.00	915.00	916.00	916.00
	vi.	Wheel Disc No.	6227-00146	6210-00107	6210-00186	7216-00192	6221-00172	7216-00070	7273-00081	7273-00006
	vii.	R.B. Nos.	33889	33995	05791	33879	35314	34994	05664	38516
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	Secondary suspension load deflection Values:									
Description		Secondary 1		Secondary 2		Secondary 1		Secondary 2		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	CMFSK-15-9-14	RSK-15-10-386	CMFSK-15-9-11	RSK-15-10-462	CMFSK-15-9-4	RSK-15-10-455	CMFSK-15-9-12	RSK-15-10-283	
ii.	Ht. at test load	510.50	466	510	466	510	465	510.50	466	
iii.	Align .deviation	8	26	9	31	10	34	11	38	
11.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
i.		Primary Outer Spring	G-12-10		G-12-10		GF			
ii.		Primary inner Spring	GBD-15-11		GBD-15-11		GBD			
iii.		Primary Damper	1795,1773,1775,1777		1691,1716,1759,1799		GEREP			
iv.		Secondary damper	4491,4731		4839,4151		KONI			
v.		Lateral Damper	442		462		GEREP			
vi.		Yaw Damper					NIL			
vii.		Brake cylinder & Caliper	L15102/600,L15156/600 L15103/600,L15168/600		L15158/600,L15149/600 L15139/600,L15148/600		FTI			
viii.		Brake Disc					KBI			
ix.		Ball joint Control arm					MGN			
x.		Lateral Bump stop					MGN			
xi.		Traction center make					SARITA			
xii.		Traction lever make					SARITA			
xiii.		Ball joint traction lever					SGA			
xiv.		Traction centre elastic					SGA			
xv.		Secondary rubber pad					TESPAK			
xvi.		Rubber spring					GMT			
xvii.		Anti roll bar make					EMSON			
xviii.		Ball joint roll link					SARITA			
xix.		Fork make					SARITA, EMSON			
11.4	i.	Modification / Trial (if any):			NIL					
	ii.	Deviations (if any):			NIL					

LWACCN-5074