



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4021	DISPATCH DATE				17.10.2014
2.	Railway	NER	Type	LWACCW	Coach No.		14081
3.	Booked to			SSE/C&W/GKP			
4.	Tare Weight of Coach			52			
5.	Carrying Capacity	Seating	52	Sleeping	52	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)	ESCORTS		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		3.00 ± 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	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.	CDTS/ BIO TOILET				DARSHAN	
	iii.	SEATS/ BERTHS				SAVITRI	
	iv.	BODY SIDE DOOR				JBM	
	v.	VESTIBULE SLIDING DOOR				JBM	
	vi.	COMPTT.DOOR				RT	
	vii.	WATER TANKS				AMIT, SHIVALIK, KUTEER	
	viii.	UIC VESTIBULE				COMCEN	
	ix	FLOOR BOARD				TAYAL	
	X	PVC				RESPONSIVE	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			4021		NER		LWACCW		14081		27-05-14	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	146478						146479			
	ii.	Frame No.	FIAT-3181						FIAT-2862			
	iii.	Bolster No.	3130-P						3744-P			
	iv.	Axle No.	RWF-110265			RWF-109662			RWF-109935		RWF-110234	
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.50	916.00	915.00	915.00		
	vi.	Wheel Disc No.	032-63309	206-63309	264-63302	201-63307	047-63307	119-63309	039-63305	222-63305		
	vii.	R.B. Nos.	40843	40583	40629	03703	40816	40566	40959	40621		
	viii.	R.B. Make	SKF			SKF			SKF		SKF	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
12.2	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.	BPS-2013-08	BPS-2013-030	BPS-2013-12	BPS-2013-124	BPS-2013-104	BPS-2013-018	BPS-2013-109	BPS-2013-084			
ii.	Ht. attest load	507	468	507	468	507	468	510	467			
iii.	Align .deviation	4	26	5	30	4	20	1	20			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie		Make		
	i.	Primary Outer Spring			BPS-2013			BPS-2013		BPS		
	ii.	Primary inner Spring			BPS-2013			BPS-2013		BPS		
	iii.	Primary Damper								GEREP		
	iv.	Secondary damper								GEREP		
	v.	Lateral Damper								GEREP		
	vi.	Yaw Damper								NIL		
	vii.	Brake cylinder & Caliper								FTI		
	viii.	Brake Disc								KBI		
	ix.	Ball joint Control arm								SGA		
	x.	Lateral Bump stop								GMT		
	xi.	Traction center make								SARITA		
	xii.	Traction lever make								SARITA		
	xiii.	Ball joint traction lever								GMT		
	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								EMSON		
12.4	i.	Modification / Trial (if any):			NIL							
	ii.	Deviations (if any):			NIL							

LWACCW-4021