



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5024	DISPATCH DATE				14.10.2015
2.	Railway	WR	Type	LWACCW	Coach No.	15054	
3.	Booked to		SSE/C&W/BCT/M				
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	1102	
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	GS	85/85		
	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	MOHAN				
	iv.	BODY SIDE DOOR	JBM				
	v.	VESTIBULE SLIDING DOOR	RT				
	vi.	COMPTT.DOOR	KALSI				
	vii.	WATER TANKS	KUTEER, SHIVALIK, E C BLADES				
	viii.	UIC VESTIBULE	FRIKMART				
	ix	FLOOR BOARD	NARBADA				
X	PVC	RESPONSIVE					
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5024		WR		LWACCW		15054		26-09-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156710						156711			
	ii.	Frame No.	FIAT-4257						FIAT-4313			
	iii.	Bolster No.	4919-P						5056-P			
	iv.	Axle No.	128488/983		126323/474		127884/987		128877/990			
	v.	Wheel Dia.	917.50	917.00	917.50	918.00	917.00	917.00	917.50	917.00		
	vi.	Wheel Disc No.	6219-00158	6148-00149	6197-00141	06232-00185	6191-00207	6232-00166	6198-00215	6191-00137		
	vii.	R.B. Nos.	30796	21961	30562	21975	30436	15048	16742	30216		
	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.	DN-12-5-1690	DN-12-10-1612	DN-12-5-1582	DN-12-10-1580	DN-12-5-1671	DN-12-12-1417	DN-12-5-1509	DN-12-12-1545			
ii.	Ht. at test load	507	466	507	466	508	463	510	461			
iii.	Align .deviation	18	12	17	12	18	11	15	7			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			L&S-13-3			L&S-13-3			L&S	
	ii.	Primary inner Spring			L&S-12-5			L&S-12-5			L&S	
	iii.	Primary Damper			25831,25901,25725,----			25891,25878,25853,25836			KONI	
	iv.	Secondary damper			5933,5700			5924,6085			KONI	
	v.	Lateral Damper			399			150			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			H15014/600,H15018/600 H15003/600,H15010/600			F15022/600,F15046/600 F15034/600,F15044/600			FTI	
	viii.	Brake Disc									FTI	
	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,GMT	
	xiv.	Traction centre elastic									GMT,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	
11.4	i.	Modification / Trial (if any):						NIL				
	ii.	Deviations (if any):						NIL				

LWACCW-5024