



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				12.12.2015
2.	Railway	SCR	Type	LWSCZAC	Coach No.	15158	
3.	Booked to	SSE/C&W/SC					
4.	Tare Weight of Coach	40.28 T					
5.	Carrying Capacity	Seating	78	Sleeping	NIL	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	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 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	87/87			
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.	SEAT & BERTH					SUTLEJ	
v.	BODY SIDE DOORS					JBM	
vi.	SALOON COMPTT DOORS					KALSI	
vii.	VESTIBULE SLIDING DOOR					KALSI	
viii.	WATER TANKS					KUTEER, SHIVALIK	
ix	UIC VESTIBULE					ESCORTS	
x	LUGGAGE RACK					HANSPAL	
XI	FLOOR BOARD					TAYAL	
XII	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		SC		LWSCZAC		15158/C		14-11-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156865						156866			
	ii.	Frame No.	FIAT-4319						ECBT-986			
	iii.	Bolster No.	113-VT-ASR						5201-P			
	iv.	Axle No.	C-0086		126240/471		114686/276		125780/473			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	6208-00171	06228-00014	07172-00198	7172-00200	7272-00088	06228-00009	6207-00010	7172-00069		
	vii.	R.B. Nos.	23348	16572	01229	29858	21957	16580	22712	16568		
	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.	CMRSK-11-3-127	G-12-8-3567	CMRSK-11-3-84	G-12-8-3487	CMRSK-11-3-020	G-12-8-3493	CMRSK-11-3-110	G-12-8-3491			
ii.	Ht. at test load	510	466	508	467	510	467	512	466			
iii.	Align .deviation	12	22	13	28	12	13	14	19			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			G-12-6			G-12-6			GF	
	iii.	Primary Damper			0111,0095,0166,0124			0164,0163,0114,0167			KNORR	
	iv.	Secondary damper			0108,0032			0038,0104			KNORR	
	v.	Lateral Damper			0130			0052			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			H15130/600,H151009/600 H15123/600,H15110/600			K15186/600,L15049/600 L15171/600,H15162/600			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									MGN	
	xiv.	Traction centre elastic									MGN,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	
11.4	i.	Modification / Trial (if any):										NIL
	ii.	Deviations (if any):										NIL

LWSCZAC5024

