



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5005	DISPATCH DATE				03.3.2016
2.	Railway	SR	Type	LFCWAC	Coach No.	15028	
3.	Booked to	SSE/C&W/PER					
4.	Tare Weight of Coach	43.6 T					
5.	Carrying Capacity	Seating	38	Sleeping	38	Luggage NIL	
6.	Shell Details: WA900001						
	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	1100	1105		
	v)	Buffer/CBC (Make)	FAIVELEY	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	NEROLAC	87/89		
	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	AIR FLOW				
	iii.	SEATS/ BERTHS	AAR KAY FOAMS(IST),GANDHI				
	iv.	BODY SIDE DOOR	JBM, SUKATA				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	EC BLADE, MANOJ,AMIT				
	viii.	UIC VESTIBULE	ESCORT				
	ix	FLOOR BOARD	TAYAL				
	x	PVC FLOORING	RESPONSIVE				
10.							
	i	Modification / Trail (if any):	NIL				
	ii	Deviations if any:	NIL				



11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5005		SR		LFCWAC		15028/C		05-02-2016	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	166012						166102			
	ii.	Frame No.	ECBT-15						FIAT-4650			
	iii.	Bolster No.	5331-P						5441-VT			
	iv.	Axle No.	114903/360		125569/377		126967/476		130082/986			
	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.	6227-00120	6227-00065	6221-00163	6221-00152	06234-00200	6202-00123	06229-00180	06150-00046		
	vii.	R.B. Nos.	23081	05666	05503	06638	05703	34944	06664	06648		
	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-12-12-2420	G-12-8-3307	DN-12-12-2020	G-12-8-3325	RSK-14-8-109	RSK-15-10-380	RSK-14-8-32	RSK-15-10-266			
ii.	Ht. at test load	507	467	505	467	510	466	511	468			
iii.	Align .deviation	21	29	21	31	9	30	9	33			
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			RSK-11-11			RSK-11-11			RSK	
	iii.	Primary Damper			1570,1173,1310,1169			1579,1304,1335,1538			GEREP	
	iv.	Secondary damper			4559,4608			4641,4872			KONI	
	v.	Lateral Damper			21			01			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			L15095/600,L15137/600 L15122/600,L15131/600			M15088/600,M15067/600 M15078/600,M15075/600			FTI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									GMT	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									EMSON	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									SGA	
	xiv.	Traction centre elastic									SGA	
	xv.	Secondary rubber pad									WINLANE 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	

LFCWAC -5005