



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5008	DISPATCH DATE			18.08.16	
2.	Railway	SR	Type	LWFAC	Coach No.	16002	
3.	Booked to		SSE/C&W/PER				
4.	Tare Weight of Coach		43.6 T				
5.	Carrying Capacity	Seating	24	Sleeping	24	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		1100	1105	
v)	Buffer/CBC (Make)		ESCORT		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		ADVANCE	86/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				KBI		
ii.	BIO TOILET				MK PRECISION		
iii.	SEATS/ BERTHS				AAR KAY FOAMS		
iv.	BODY SIDE DOOR				JBM		
v.	VESTIBULE SLIDING DOOR				KALSI		
vi.	SALOON DOOR				JBM		
vii.	WATER TANKS				KUTEER,SHIVALIK		
viii.	UIC VESTIBULE				KRP		
ix	FLOOR BOARD				NARBADA		
x	PVC FLOORING				RESPONSIVE		
10.							
i	Modification / Trail (if any):				NIL		
ii	Deviations if any:				NIL		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5008		SR		LWFAC		16002/C		07-07-2016	
11.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	166564					166565				
	ii.	Frame No.	FM-581					FM-582				
	iii.	Bolster No.	5904-PS					5917-PS				
	iv.	Axle No.	N-0658		N-6175		N-0448		N-6491			
	v.	Wheel Dia.	916.00	916.00	916.50	916.50	916.00	916.00	916.00	916.00		
	vi.	Wheel Disc No.	13351-00183	13351-00016	13350-00071	13350-00224	13351-00179	13353-00099	13353-00031	13353-00036		
	vii.	R.B. Nos.	35107	35110	29460	38582	33660	33671	35117	33652		
	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-12-3-1346	RSK-15-3-521	DN-12-3-1407	RSK-15-3-033	DN-12-3-1139	RSK-15-3-93	DN-12-3-1384	RSK-15-3-009			
ii.	Ht. at test load	503	465	503	464	507	467	506	467			
iii.	Align .deviation	21	36	20	31	14	37	15	38			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-15-11			RSK-15-10			RSK	
	ii.	Primary inner Spring			RSK-14-05			RSK-14-05			RSK	
	iii.	Primary Damper			023,041,013,022			071,018,067,065			KNORR	
	iv.	Secondary damper			0570,0572			0571,0554			GEREP	
	v.	Lateral Damper			0372			0388			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			3602/691,3517/691 3605/691,3518/691			3603/691,3604/691 3516/691,3515/691			KBI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									GMT	
	x.	Lateral Bump stop									GMT	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									GMT,MGN	
	xiv.	Traction centre elastic									SGA	
	xv.	Secondary rubber pad									TESCPAK	
	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					

LWFAC 5008

