



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6005	DISPATCH DATE				16.03.2017
2.	Railway	CR	Type	LWACCW	Coach No.	16061	
3.	Booked to		SSE/C&W/CST/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	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	VIBGYOR	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	RAIL FAB, JSL				
	iii.	SEATS/ BERTHS	SAVITRI				
	iv.	BODY SIDE DOOR	SUKATA, JBM				
	v.	VESTIBULE SLIDING DOOR	RAIL TECH				
	vi.	COMPTT.DOOR	KALSI				
	vii.	WATER TANKS	AMIT & MANOJ, SHIVALIK				
	viii.	UIC VESTIBULE	ESCORTS				
	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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11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			6005	CR	LWACCW	16061	28-12-2016			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	167136				167137			
	ii.	Frame No.	FIAT-5355				SCI/FM-757			
	iii.	Bolster No.	6506-P				6501-P			
	iv.	Axle No.	R-3350		S-9771		R-2850		R-2802	
	v.	Wheel Dia.	916.00	915.50	915.50	915.50	917.00	917.00	917.00	917.00
	vi.	Wheel Disc No.	00041-6067	00169-6047	00112-6103	00001-6138	00075-6138	00190-6109	00043-6132	00098-6103
	vii.	R.B. Nos.	86429	86424	97528	86622	88107	86363	86289	83832
	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.	RSK-16-5-680	RSK-16-3-1152	RSK-16-5-706	RSK-16-3-994	RSK-16-5-388	RSK-16-3-1226	RSK-16-5-898	RSK-16-3-971	
ii.	Ht. at test load	510	468	508	468	510	467	510	465	
iii.	Align .deviation	8	32	9	36	12	37	14	41	
11.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			GBD-16-11		GBD-16-11		GBD	
	ii.	Primary inner Spring			G-12-6		G-12-6		GF	
	iii.	Primary Damper			351,132,01,145		454,348,453,472		GEREP GABRIEL	
	iv.	Secondary damper			0448,0490		0447,0452		SV	
	v.	Lateral Damper			0107		0008		SV	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper			3599/691,3530/691 3581/691,3529/691		3558/691,3583/691 3589/691,3581/691		KBI	
	viii.	Brake Disc							KBI	
	ix.	Ball joint Control arm							MGN	
	x.	Lateral Bump stop							GMT	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							SGA	
	xiv.	Traction centre elastic							SGA	
	xv.	Secondary rubber pad							TECSPACK	
	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			

