



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5033	DISPATCH DATE				17.05.2016
2.	Railway	EC	Type	LWACCW	Coach No.	15059	
3.	Booked to			SSE/C&W/RNCC			
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		1102	1104		
v)	Buffer/CBC (Make)	FAVELLY		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	88/89		
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			RAIL FAB			
iii.	SEATS/ BERTHS			AMIR CHAND			
iv.	BODY SIDE DOOR			JBM			
v.	VESTIBULE SLIDING DOOR			KALSI			
vi.	COMPTT.DOOR			RT			
vii.	WATER TANKS			SHIVALIK			
viii.	UIC VESTIBULE			KRP/ESCORT			
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	
			5033		EC		LWACCW		15059/C		16-02-2016	
11.1	Wheel & Axle Details:		PP Side				NPP Side					
	i.	Bogie No.	166150				166151					
	ii.	Frame No.	FIAT-4548				FIAT-4480					
	iii.	Bolster No.	5532-VT				4595-VT					
	iv.	Axle No.	125953/477		127954/988		128103/984		126218/471			
	v.	Wheel Dia.	917.00	917.00	916.00	916.00	917.00	917.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	7282-00026	06227-00203	07301-00145	07301-00003	6227-00194	6227-00064	6226-00163	6224-00130	6226-00163	6224-00130
	vii.	R.B. Nos.	34989	06643	16606	34990	04613	04806	02605	01280	02605	01280
	viii.	R.B. Make	SKF		SKF		TIMKEN		TIMKEN			
	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	Outer	Inner	
i.	Make & nos.	RSK-15-3-367	RSK-14-8-080	RSK-15-3-256	RSK-14-8-107	RSK-15-3-357	RSK-14-8-294	RSK-15-3-358	RSK-14-8-138	RSK-15-3-358	RSK-14-8-138	
ii.	Ht. at test load	511	468	512	468	511	468	511	467	511	467	
iii.	Align .deviation	13	35	13	35	17	41	18	47	18	47	
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-14-5		RSK-14-5		RSK			
	iii.	Primary Damper			1935,1948,1941,1913		1985,1912,1890,1909		GEREP			
	iv.	Secondary damper			280,257		318,336		GEREP			
	v.	Lateral Damper			3348		3283		KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper			M15006/600,M15058/600 L15172/600,L15027/600		M15115/600,M15128/600 M15112/600,M15116/600		FTI			
	viii.	Brake Disc							KBI			
	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							GMT,SGA			
	xiv.	Traction centre elastic							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 5033