



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				18.4.2016
2.	Railway	NR	Type	LFCWAC	Coach No.	163028	
3.	Booked to	SSE/C&W/NDLS					
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		1105	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		VIBGYOR	87/89	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					KBI	
ii.	CDTS/ BIO TOILET					RAIL FAB	
iii.	SEATS/ BERTHS					AMIR CHAND,AAR KAY FOAMS	
iv.	BODY SIDE DOOR					JBM	
v.	VESTIBULE SLIDING DOOR					KALSI	
vi.	SALOON DOOR,COMPPT. DOOR					KALSI,RAIL TECH	
vii.	WATER TANKS					SHIVALIK	
viii.	UIC VESTIBULE					ESCORT	
ix	FLOOR BOARD					TAYAL	
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	NR	LFCWAC	163028/C	19-02-2016			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	166125				166126			
	ii.	Frame No.	FIAT-3983				FIAT-4561			
	iii.	Bolster No.	5436-VT				5447-P			
	iv.	Axle No.	126290/474	H-3154		128624/989	126891/470			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.50	916.00	917.00	917.00
	vi.	Wheel Disc No.	7282-00093	06227-00200	06226-00126	06234-00195	7273-00215	7282-00033	06223-00122	06229-00230
	vii.	R.B. Nos.	04682	04595	04662	04649	02965	05807	02970	02995
	viii.	R.B. Make	TIMKEN		TIMKEN		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-14-8-006	RSK-15-10-442	RSK-14-8-013	RSK-15-10-466	RSK-14-8-132	RSK-15-10-665	RSK-14-8-118	RSK-15-10-447	
ii.	Ht. at test load	512	467	512	467	510	467	508	468	
iii.	Align .deviation	10	45	11	46	6	41	7	36	
11.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring	RSK-11-11		RSK-11-11		RSK			
	ii.	Primary inner Spring	RSK-13-2		RSK-14-5		RSK			
	iii.	Primary Damper	1300,878,1532,1023		629,1320,1537,1311		GEREP			
	iv.	Secondary damper	565,334		339,744		GEREP			
	v.	Lateral Damper	54		515		GEREP			
	vi.	Yaw Damper					NIL			
	vii.	Brake cylinder & Caliper	2023/691,2066/691 2025/691,2065/691		3025/691,2068/691 2024/691,2067/691		KBI			
	viii.	Brake Disc					KBI			
	ix.	Ball joint Control arm					GMT			
	x.	Lateral Bump stop					MGN			
	xi.	Traction center make					SARITA			
	xii.	Traction lever make					SARITA			
	xiii.	Ball joint traction lever					SGA,GMT			
	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					

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