



रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4073	DISPATCH DATE				11.11.2014
2.	Railway	NFR	Type	LWACCN	Coach No.	14133	
3.	Booked to	SSE/C&W/GHY					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	1105	1105			
v)	Buffer/CBC (Make)	ESCORTS		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		3.80 ± 0.15 Kg/cm ²	3.80		
		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	89/89			
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					AMIT	
iii.	SEATS/ BERTHS					SAVITRI	
iv.	BODY SIDE DOOR					JBM	
v.	VESTIBULE SLIDING DOOR					JBM	
vi.	SALOON DOOR					NA	
vii.	WATER TANKS					KUTEER & SHIVALIK	
viii.	UIC VESTIBULE					KRP	
ix	FLOOR BOARD					MAKORE	
X	PVC					RESPONSIVE	
10.							
10.1	Modification / Trail (if any):					FITTED WITH BIO DIGESTER OF M/s RAIL FAB	
10.2	Deviations if any:					NIL	



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12.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			4073	NFR	LWACCN	14133	05-09-2014			
12.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	146769				146770			
	ii.	Frame No.	FIAT-3374				FIAT-3402			
	iii.	Bolster No.	4173-GT				4179-GT			
	iv.	Axle No.	W-4487		W-4621		106365/129		105815/627	
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	108-11603	155-10559	177-10568	040-11607	001-11603	191-11596	283-10579	274-11603
	vii.	R.B. Nos.	36462	01186	01420	36235	36540	01191	01003	01421
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
12.2	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.	G-13-4-779	G13-4-4846	G-13-4-758	G13-4-4836	G-13-4-827	G13-4-4802	G-13-4-815	G13-4-4882	
ii.	Ht. attest load	512	467	512	468	512	467	512	467	
iii.	Align .deviation	20	6	18	6	22	18	20	15	
12.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			G-10-12		G-10-12		GF	
	ii.	Primary inner Spring			G-5-12		G-5-12		GF	
	iii.	Primary Damper							KONI	
	iv.	Secondary damper							GEREP	
	v.	Lateral Damper							KONI	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper							FTI	
	viii.	Brake Disc							FTI/KBI	
	ix.	Ball joint Control arm							SGA	
	x.	Lateral Bump stop							MTC	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							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							EMSON	
12.4	i.	Modification / Trial (if any):							NIL	
	ii.	Deviations (if any):							NIL	

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