



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4001	DISPATCH DATE				13.02.2017
2.	Railway	NR	Type	LWLCBRRM	Coach No.	163743	
3.	Booked to	SSE/C&W/NDLS					
4.	Tare Weight of Coach						
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	
6.	DRG. NO. LR90019						
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)	CBC Height		Specified : 1105 +0 /-15 mm		1105	1105	
v)	CBC (Make)		ESCORTS		Fiba Device	NA	
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	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				KBI		
iv.	SEATS/S&B				RCF MADE		
v.	BODY SIDE DOOR				SUKATA		
vi.	VESTIBULE SLIDING DOOR				HANSPAL		
vii.	CREW-GEN & GUARD ROOM DOOR				JBM/JBM		
viii.	WATER TANKS				RAIL FAB		
ix	FUEL TANK				SHIVALIK		
x	UIC VESTIBULE				KRP		
XI	FLOOR BOARD				ORIENTAL		
XII	PVC				RESPONSIVE		
XIII	LP SHEET				PUNJAB LAMINATE		
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



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12.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			4001		NR		LWLCBRRM		163743		17-07-14	
12.1	Wheel & Axle Details:		PP Side I						NPP Side II			
	i.	Bogie No.	146634						146635			
	ii.	Frame No.	CA-218						CA-217			
	iii.	Bolster No.	CA-228						CA-230			
	iv.	Axle No.	128368/991		129321/982		127834/987		126646/480			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00		
	vi.	Wheel Disc No.	175-10583	111-10570	214-10559	026-10570	153-10579	051-11600	010-10570	130-10559		
	vii.	R.B. Nos.	35758	36280	35997	36125	36224	36404	35844	35748		
	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	
i.	Make & nos.		SIL-0259			SIL-0253			SIL-0254		SIL-0260	
12.3	Items traceability:											
	Sno.	Item	PP Side Bogie				NPP side Bogie				Make	
	i.	Primary Outer Spring	L&S-03-13				L&S-03-13				L&S	
	ii.	Primary inner Spring	L&S-05-12				L&S-05-12				L&S	
	iii.	Primary Damper									GEREP	
	iv.	Secondary damper									SACHS	
	v.	Lateral Damper									GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper									KBI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									SGA	
	x.	Lateral Bump stop									GMT	
	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									N/A	
	xvi.	Rubber spring									N/A	
	xvii.	Anti roll bar make									EMSON	
	xviii.	Ball joint roll link									SARITA	
	xix.	Fork make									SARITA	
12.4	i.	Modification / Trial (if any):									NIL	
	ii.	Deviations (if any):									NIL	