



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4027	DISPATCH DATE				10.12.2014
2.	Railway	NER	Type	LWACCW	Coach No.	140625	
3.	Booked to		SSE/C&W/GKP				
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	1105	1104		
	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	3.00 ± 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	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				S.I.L.	
	iii.	SEATS/ BERTHS				AMIR CHAND	
	iv.	BODY SIDE DOOR				JBM	
	v.	VESTIBULE SLIDING DOOR				JBM	
	vi.	COMPTT.DOOR				RT, JR	
	vii.	WATER TANKS				AMIT , SHIVALIK	
	viii.	UIC VESTIBULE				CEMCON	
	ix	FLOOR BOARD				NARBADA	
	X	PVC				RESPONSIVE	
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		
			4027		NER		LWACCW		140625		14-06-14		
12.1	Wheel & Axle Details:		PP Side				NPP Side						
	i.	Bogie No.	146416				146417						
	ii.	Frame No.	FIAT-3109				FIAT-3091						
	iii.	Bolster No.	3824-P				3816-P						
	iv.	Axle No.	Z-3768		Z-3050		128098/1984			Z-3819			
	v.	Wheel Dia.	915.00	915.50	915.50	916.00	915.00	915.00	916.00	916.00	916.00	916.00	
	vi.	Wheel Disc No.	056-10559	039-51915	286-10559	030-10582	012-63309	323-10559	281-63305	280-10583	280-10583		
	vii.	R.B. Nos.	34187	34207	00462	34275	00059	00319	00441	34502	34502		
	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	Outer	Inner		
i.	Make & nos.	DN-12-8-9	G13-4-46	DN-12-8-2708	G13-4-4278	DN-12-8-1826	G13-4-4261	DN-12-8-2679	G13-4-4256	G13-4-4256	G13-4-4256		
ii.	Ht. attest load	511	465	508	467	511	464	507	466	466	466		
iii.	Align .deviation	14	7	13	18	18	14	18	12	12	12		
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									KONI			
iv.	Secondary damper									SACHS			
v.	Lateral Damper									SACHS			
vi.	Yaw Damper									NIL			
vii.	Brake cylinder & Caliper									FTI			
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									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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