



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4025	DISPATCH DATE				26.9.2014
2.	Railway	NR	Type	LWACCW	Coach No.	143065	
3.	Booked to	SSE/C&W/NDLS					
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		1100	1095		
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 <sup>2</sup>		6 –10 sec	6 Sec	
			Max Pressure in BC		3.00 ± 0.15 Kg/cm <sup>2</sup>	3.00	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm <sup>2</sup> /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm <sup>2</sup> /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		KBI				
ii.	CDTS/ BIO TOILET		DARSHAN				
iii.	SEATS/ BERTHS		MOHAN				
iv.	BODY SIDE DOOR		MOHAN				
v.	VESTIBULE SLIDING DOOR		JBM				
vi.	COMPTT.DOOR		RAIL TECH				
vii.	WATER TANKS		AMIT & KUTEER				
viii.	UIC VESTIBULE		KRP				
ix.	FLOOR BOARD		NARBADA				
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



## रेल डिब्बा कारखाना, कपूरथला

Rail Coach Factory , Kapurthala

Page 2 of 3

<b>12.</b>	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			4025		NR		LWACCW		143065		12-06-14	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	146520						146521			
	ii.	<b>Frame No.</b>	FIAT-3214						FIAT-3202			
	iii.	<b>Bolster No.</b>	3930-P						3946-P			
	iv.	<b>Axle No.</b>	Z-3107			126960/0476			Z-3874		Z-3253	
	v.	<b>Wheel Dia.</b>	916.50	917.00	915.50	915.50	915.50	916.00	917.50	917.00		
	vi.	<b>Wheel Disc No.</b>	029-10579	135-10533	338-10533	183-63301	189-10533	293-10559	087-63305	349-10558		
	vii.	<b>R.B. Nos.</b>	34513	34553	34162	34337	34507	34372	34357	34174		
	viii.	<b>R.B. Make</b>	TIMKEN			TIMKEN			TIMKEN		TIMKEN	
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
<b>12.2</b>	<b>Secondary suspension load deflection Values:</b>											
<b>Description</b>		Secondary 1		Secondary 2		Secondary 1		Secondary 2				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner			
i.	<b>Make &amp; nos.</b>		BPS-2013-01	BPS-2013-065	BPS-2013-67	BPS-2013-02	BPS-2013-64	BPS-2013-099	BPS-2013-64	BPS-2013-020		
ii.	<b>Ht. attest load</b>		509	465	507	465	507	468	508	467		
iii.	<b>Align .deviation</b>		12	36	11	33	7	27	3	26		
<b>12.3</b>	<b>Items traceability:</b>											
<b>S no.</b>		<b>Item</b>			<b>PP Side Bogie</b>			<b>NPP side Bogie</b>			<b>Make</b>	
i.		Primary Outer Spring			BPS-2013			BPS-2013			BPS	
ii.		Primary inner Spring			BPS-2013			BPS-2013			BPS	
iii.		Primary Damper									KONI	
iv.		Secondary damper									SACHS	
v.		Lateral Damper									SACHS	
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									TESPAK	
xvi.		Rubber spring									GMT	
xvii.		Anti roll bar make									EMSON	
xviii.		Ball joint roll link									SARITA	
xix.		Fork make									EMSON	
12.4	i.	<b>Modification / Trial (if any):</b>					NIL					
	ii.	<b>Deviations (if any):</b>					NIL					

LWACCW-4025