



**ROLLING STOCK CERTIFICATE**

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4038	DISPATCH DATE			<b>30.01.2015</b>
2.	Railway	SCR	Type	<b>LWACCW</b>	Coach No.	<b>14062</b>
3.	Booked to		<b>SSE/C&amp;W/BZA</b>			
4.	Tare Weight of Coach		<b>52</b>			
5.	Carrying Capacity	Seating	52	<b>Sleeping</b>	52	Luggage <b>NIL</b>
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	1095	
v)	Buffer/CBC (Make )	<b>ESCORTS</b>		<b>Fiba Device</b>	<b>NIL</b>	
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		<b>PU PAINT</b>	<b>ADVANCE</b>	<b>87/88</b>	
8.2	APPLICATION OF PCN-123		<b>SATISFACTORY</b>			
8.3	INSUALTION		<b>SATISFACTORY</b>			
9.	Traceability of Furnishing Items:		Make			
i.	BRAKE EQUIPMENT		<b>KBI</b>			
ii.	CDTS/ BIO TOILET		<b>M K PRECISION</b>			
iii.	SEATS/ BERTHS		<b>AAR KAY FOAMS</b>			
iv.	BODY SIDE DOOR		<b>JBM, MRC</b>			
v.	VESTIBULE SLIDING DOOR		<b>KALSI</b>			
vi.	COMPTT.DOOR		<b>JR</b>			
vii.	WATER TANKS		<b>AMIT &amp; SHIVALIK</b>			
viii.	UIC VESTIBULE		<b>CEMCON</b>			
ix	<b>FLOOR BOARD</b>		<b>TAYAL</b>			
X	<b>PVC</b>		<b>RESPONSIVE</b>			
10.						
10.1	Modification / Trail (if any):				NIL	
10.2	Deviations if any:				NIL	



**रेल डिब्बा कारखाना, कपूरथला**  
Rail Coach Factory , Kapurthala

<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>	
			4038		SCR		LWACCW		14062		12-1-2015	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	147063						147064			
	ii.	<b>Frame No.</b>	FIAT-3628						FIAT-3697			
	iii.	<b>Bolster No.</b>	4409-VT						4444-GT			
	iv.	<b>Axle No.</b>	128991/986		Z-3575		Z-3265		Z-3893			
	v.	<b>Wheel Dia.</b>	916.00	916.00	917.00	917.00	917.00	917.00	917.00	917.00		
	vi.	<b>Wheel Disc No.</b>	300-51910	058-51915	247-11610	312-51915	129-51912	296-16339	004-11611	253-16339		
	vii.	<b>R.B. Nos.</b>	36224	29264	02834	02864	36097	35897	36164	36307		
	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>		<b>Secondary 1</b>		<b>Secondary 2</b>		<b>Secondary 1</b>		<b>Secondary 2</b>				
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner			
i.	<b>Make &amp; nos.</b>	YR-13-12-67	YR-13-11-68	YR-13-12-065	YR-13-11-70	YR-13-12-68	YR-13-11-67	YR-13-12-66	YR-13-11-65			
ii.	<b>Ht. attest load</b>	510	468	511.90	463	507	466	509	463.20			
iii.	<b>Align .deviation</b>	30.26	34.85	30.36	31.16	23.26	29	20.24	25.10			
<b>12.3</b>	<b>Items traceability:</b>											
	<b>Sno.</b>	<b>Item</b>			<b>PP Side Bogie</b>		<b>NPP side Bogie</b>		<b>Make</b>			
	i.	Primary Outer Spring			YR-13-11		YR-13-11		YR			
	ii.	Primary inner Spring			YR-13-12		YR-13-12		YR			
	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							GMT			
	x.	Lateral Bump stop							GMT			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							GMT,SGA			
	xiv.	Traction centre elastic							SGA,GMT			
	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					

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