



**ROLLING STOCK CERTIFICATE**

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4005	DISPATCH DATE			<b>23.04.2015</b>
2.	Railway	<b>NER</b>	Type	<b>LWSCZ</b>	Coach No.	<b>14606</b>
3.	Booked to	<b>SSE/C&amp;W/GKP</b>				
4.	Tare Weight of Coach	<b>40.5 T</b>				
5.	Carrying Capacity	Seating	106	<b>Sleeping</b>	<b>NIL</b>	Luggage <b>NIL</b>
6.	Shell Details: (LJ90001))					
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 )	<b>ESCORTS</b>		<b>Fiba Device</b>	<b>NA</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>GS</b>	<b>88/88</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>		
iii.	CDTS			<b>M K PRECISION</b>		
iv.	SEAT & BERTH			<b>SUTLEJ</b>		
v.	BODY SIDE DOORS			<b>JBM</b>		
vi.	SALOON COMPTT DOORS			<b>NA</b>		
vii.	VESTIBULE SLIDING DOOR			<b>KALSI</b>		
viii.	WATER TANKS			<b>RAIL FAB</b>		
ix	UIC VESTIBULE			<b>CEMCON</b>		
x	LUGGAGE RACK			<b>HANSPAL</b>		
XI	FLOOR BOARD			<b>TAYAL</b>		
XII	PVC			<b>RESPONSIVE</b>		
10.						
10.1	Modification / Trail (if any):				NIL	
10.2	Deviations if any:				NIL	



रेल डिब्बा कारखाना, कपूरथला  
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12.	<b>Bogie Details:</b>		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			4005		NER		LWSCZ		14606		16-08-2014	
12.1	<b>Wheel &amp; Axle Details:</b>		PP Side						NPP Side			
	i.	<b>Bogie No.</b>	146702						146699			
	ii.	<b>Frame No.</b>	FIAT-3262						FIAT-3345			
	iii.	<b>Bolster No.</b>	4055-P						4045-P			
	iv.	<b>Axle No.</b>	128613/989		116194/377		RWF-110353		126700/468			
	v.	<b>Wheel Dia.</b>	917.00	917.00	915.50	916.00	917.00	917.00	916.00	916.00		
	vi.	<b>Wheel Disc No.</b>	242-10559	136-10570	146-11605	121-11611	136-11600	143-10568	273-11605	264-10559		
	vii.	<b>R.B. Nos.</b>	35799	36006	36059	36333	00312	00249	36293	00552		
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
12.2	<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>	G-12-8-1883	G-12-8-3454	G-12-8-1740	G-12-8-3637	G-4-12-917	G-4-12-211	G-4-12-957	G-4-12-1625			
ii.	<b>Ht. attest load</b>	509	466	510	468	511	466	510	467			
iii.	<b>Align .deviation</b>	12	19	16	20	4	18	4	19			
12.3	<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			L&S-03-13		L&S-03-13		L&S			
	ii.	Primary inner Spring			L&S-02-13		L&S-02-13		L&S			
	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							GMT			
	x.	Lateral Bump stop							MTC			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							SGA			
	xiv.	Traction centre elastic							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					

**LWSCZ-4005**