



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4016	DISPATCH DATE			19.8.2014	
2.	Railway	NF	Type	LWSCN1	Coach No.	14266	
3.	Booked to	SSE/C&W/GHY					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	Luggage	NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	Leading Dimensions:						
i)	Body	Maximum length over	23700+10/-0 mm				
ii)	Body	Maximum width over	3240-8/+0 mm, 3050 mm (LWSCZDAC)				
iii)	Level	Max. Height From Rail	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)				
iv)		Buffer/CBC Height	Specified : 1105 +0 /-15 mm	1105	1105		
v)		Buffer/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 <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	86/86		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
I	BRAKE EQUIPMENT			KBI			
li	SEAT & BERTH			GANDHI			
lii	BODY SIDE DOORS			SUKATA			
lv	WATER TANKS			AMIT & KUTEER			
v	FLOOR BOARD			TAYAL			
vi	PVC FLOORING			RESPONSIVE			
vii	UIC VESTIBULE			KRP			
viii	VESTIBULE SLIDING DOOE			JBM			
ix	LP SHEET			PUNJAB LAMINATE			
X	LAVATORY			KALSI			
10	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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12.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			4016		NF		LWSCN		14266/C		04-08-2014	
12.1	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	146676						146678			
	ii.	<b>Frame No.</b>	FIAT-3332						FIAT-3222			
	iii.	<b>Bolster No.</b>	3905-VT						4056-P			
	iv.	<b>Axle No.</b>	128333/091			126032/475			Z-3673		Z-3765	
	v.	<b>Wheel Dia.</b>	916.00	916.00	917.00	917.00	917.00	916.50	918.00	918.00		
	vi.	<b>Wheel Disc No.</b>	079-10568	069-11600	178-11600	046-11611	036-11600	116-11600	158-11600	325-10579		
	vii.	<b>R.B. Nos.</b>	36104	35887	36496	36228	36610	36246	36194	36052		
	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>		<b>Secondary 1</b>		<b>Secondary 2</b>		<b>Secondary 1</b>		<b>Secondary 2</b>				
		<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>			
i.	<b>Make &amp; nos.</b>	DN-14-01-227	DN-14-01-338	DN-14-01-326	DN-14-01-339	DN-14-01-599	DN-14-01-267	DN-14-01-447	DN-14-01-184			
ii.	<b>Ht. attest load</b>	512	470	512	469	516	472	515	470			
iii.	<b>Align .deviation</b>	12	10	10	13	6	12	6	14			
12.3	<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			G-13-11			G-13-11			GF	
	ii.	Primary inner Spring			G-13-11			G-13-11			GF	
	iii.	Primary Damper									KONI	
	iv.	Secondary damper									GEREP	
	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									SARITA	
12.4	i.	<b>Modification / Trial (if any):</b>					NIL					
	ii.	<b>Deviations (if any):</b>					NIL					



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Form No. : QMF 9454; Version: 1

1.	SHELL No.	4015	DISPATCH DATE			19.8.2014	
2.	Railway	NF	Type	LWSCN1	Coach No.	14267	
3.	Booked to	SSE/C&W/GHY					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	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	1104	1105		
	v)	Buffer/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 <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	NEROLAC	86/86		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i	BRAKE EQUIPMENT			KBI		
	ii	SEAT & BERTH			GANDHI		
	iii	BODY SIDE DOORS			JBM & SUKATA		
	iv	WATER TANKS			AMIT & SHIVALIK		
	v	FLOOR BOARD			TAYAL		
	vi	PVC FLOORING			RESPONSIVE		
	vii	UIC VESTIBULE			KRP		
	viii	VESTIBULE SLIDING DOOE			KALSI		
	ix	LP SHEET			PUNJAB LAMINATE		
	x	LAVOTARY DOOR			KALSI		
10	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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<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>			
			4015	NF	LWSCN1	14267	31-05-14			
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	146340				146341			
	ii.	<b>Frame No.</b>	FIAT-2487				FIAT-2127			
	iii.	<b>Bolster No.</b>	3791-GT				3783-GT			
	iv.	<b>Axle No.</b>	W-4709		RWF-109184		W-4485		RWF-109995	
	v.	<b>Wheel Dia.</b>	918.00	918.00	917.50	917.50	918.00	918.00	916.50	916.00
	vi.	<b>Wheel Disc No.</b>	251-51908	335-50846	096-62314	281-63309	063-63305	226-63307	340-63305	132-63309
	vii.	<b>R.B. Nos.</b>	03644	09313	09245	40600	07708	11305	12468	07984
	viii.	<b>R.B. Make</b>	SKF		SKF		SKF		SKF	
	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>	CMFSK-02-14-22	CMFSK-02-14-13	CMFSK-02-14-20	CMFSK-02-14-87	CMFSK-02-14-14	CMFSK-02-14-35	CMFSK-02-14-56	CMFSK-02-14-38	
ii.	<b>Ht. attest load</b>	515	472	513	470	516	469	515	472	
iii.	<b>Align .deviation</b>	8	9	10	6	9	4	8	7	
<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			CMFSK-12-11		CMFSK-12-11		CMFSK	
	ii.	Primary inner Spring			CMFSK-12-11		CMFSK-12-11		CMFSK	
	iii.	Primary Damper							GEREP	
	iv.	Secondary damper							GEREP	
	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							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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1.	SHELL No.	4021	DISPATCH DATE			27.8.2014	
2.	Railway	NF	Type	LWSCN1	Coach No.	14268	
3.	Booked to	SSE/C&W/GHY					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	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	1102	1105		
	v)	Buffer/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 <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	89/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i	BRAKE EQUIPMENT		FAIVELEY			
	ii	SEAT & BERTH		MOHAN			
	iii	BODY SIDE DOORS		SUKATA			
	iv	WATER TANKS		AMIT & SHIVALIK			
	v	FLOOR BOARD		TAYAL			
	vi	PVC FLOORING		RESPONSIVE			
	vii	UIC VESTIBULE		KRP			
	viii	VESTIBULE SLIDING DOOR		JBM			
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	
			4021		NF		LGS		14268		07-07-2014	
12.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	146622						146623			
	ii.	Frame No.	FIAT-3264						FIAT-3004			
	iii.	Bolster No.	4004VT						4020-VT			
	iv.	Axle No.	125728/473			Z-3327			116190/377		125643/377	
	v.	Wheel Dia.	915.00	915.00	916.50	917.00	916.50	917.00	915.00	915.00		
	vi.	Wheel Disc No.	316-10579	052-1100	097-10570	146-10568	179-10583	019-10583	148-10568	267-10568		
	vii.	R.B. Nos.	35832	36193	36056	36191	36309	36096	36080	35917		
	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			
i.	Make & nos.	G13-12-143	G13-12-195	G13-12-126	G13-12-284	G13-12-158	G13-12-180	G13-12-154	G-13-12-313			
ii.	Ht. attest load	515	469	515	471	513	470	512	470			
iii.	Align .deviation	4	19	4	21	4	16	2	16			
12.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			G-13-11		G-13-11		GF			
	ii.	Primary inner Spring			G-13-11		G-13-11		GF			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							GEREP			
	v.	Lateral Damper							SACHS			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							FTI			
	viii.	Brake Disc							FTI			
	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							SARITA			
	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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1.	SHELL No.	4017	DISPATCH DATE				<b>28.9.2014</b>
2.	Railway	NF	Type	<b>LWSCN1</b>	Coach No.	<b>14269</b>	
3.	Booked to		<b>SSE/C&amp;W/GHY</b>				
4.	Tare Weight of Coach		<b>41.239 T</b>				
5.	Carrying Capacity	Seating	80	<b>Sleeping</b>	80	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	1104		
	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>VIBGYOR</b>	<b>87/87</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>FAIVELEY</b>				
	ii	SEAT & BERTH	<b>AMIR CHAND</b>				
	iii	BODY SIDE DOORS	<b>SUKATA</b>				
	iv	WATER TANKS	<b>AMIT &amp; SHIVALIK</b>				
	v	FLOOR BOARD	<b>TAYAL</b>				
	vi	PVC FLOORING	<b>RESPONSIVE</b>				
	vii	UIC VESTIBULE	<b>KRP</b>				
	viii	VESTIBULE SLIDING DOOR	<b>JBM</b>				
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



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<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>		
			4017	NFR	LWSCN1	14269		05-08-2014		
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>				<b>NPP Side</b>			
	<b>i.</b>	<b>Bogie No.</b>	146681				146682			
	<b>ii.</b>	<b>Frame No.</b>	FIAT-2379				FIAT-3304			
	<b>iii.</b>	<b>Bolster No.</b>	4077-VT				3993-VT			
	<b>iv.</b>	<b>Axle No.</b>	116189/377		126618/480		125963/477		Z-3993	
	<b>v.</b>	<b>Wheel Dia.</b>	917.00	917.00	917.50	917.50	916.50	917.00	917.00	917.00
	<b>vi.</b>	<b>Wheel Disc No.</b>	150-11600	006-11607	145-11600	196-10533	214-10570	083-11600	022-10559	319-11605
	<b>vii.</b>	<b>R.B. Nos.</b>	36439	35816	36242	35766	35955	36602	35876	35817
	<b>viii.</b>	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	<b>ix.</b>	<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>		
		<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	<b>Outer</b>	<b>Inner</b>	
<b>i.</b>	<b>Make &amp; nos.</b>	DN-14-1-400	DN-14-1-143	DN-14-1-192	DN-14-1-154	DN-14-1-363	DN-14-1-132	DN-14-1-181	DN-14-1-481	
<b>ii.</b>	<b>Ht. attest load</b>	516	468	511	468	512	472	512	470	
<b>iii.</b>	<b>Align .deviation</b>	14	16	14	14	13	10	11	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>	
	<b>i.</b>	Primary Outer Spring			G-13-11A		G-13-11A		<b>GF</b>	
	<b>ii.</b>	Primary inner Spring			G-13-11		G-13-11		<b>GF</b>	
	<b>iii.</b>	Primary Damper							<b>KONI</b>	
	<b>iv.</b>	Secondary damper							<b>GEREP</b>	
	<b>v.</b>	Lateral Damper							<b>SACHS</b>	
	<b>vi.</b>	Yaw Damper							<b>NIL</b>	
	<b>vii.</b>	Brake cylinder & Caliper							<b>FTI</b>	
	<b>viii.</b>	Brake Disc							<b>KBI</b>	
	<b>ix.</b>	Ball joint Control arm							<b>SGA</b>	
	<b>x.</b>	Lateral Bump stop							<b>GMT</b>	
	<b>xi.</b>	Traction center make							<b>SARITA</b>	
	<b>xii.</b>	Traction lever make							<b>SARITA</b>	
	<b>xiii.</b>	Ball joint traction lever							<b>GMT</b>	
	<b>xiv.</b>	Traction centre elastic							<b>SGA</b>	
	<b>xv.</b>	Secondary rubber pad							<b>TESPAK</b>	
	<b>xvi.</b>	Rubber spring							<b>GMT</b>	
	<b>xvii.</b>	Anti roll bar make							<b>EMSON</b>	
	<b>xviii.</b>	Ball joint roll link							<b>SARITA</b>	
	<b>xix.</b>	Fork make							<b>SARITA</b>	
<b>12.4</b>	<b>i.</b>	<b>Modification / Trial (if any):</b>				NIL				
	<b>ii.</b>	<b>Deviations (if any):</b>				NIL				





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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4014	DISPATCH DATE				06.9.2014
2.	Railway	NF	Type	LWSCN1	Coach No.	14270	
3.	Booked to		SSE/C&W/GHY				
4.	Tare Weight of Coach		41.239 T				
5.	Carrying Capacity	Seating	80	Sleeping	80	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	1105	
v)	Buffer/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 <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	90/89	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
i	BRAKE EQUIPMENT			FAIVELEY			
ii	SEAT & BERTH			AMIR CHAND			
iii	BODY SIDE DOORS			JBM			
iv	WATER TANKS			AMIT & SHIVALIK			
v	FLOOR BOARD			TAYAL			
vi	PVC FLOORING			RESPONSIVE			
vii	UIC VESTIBULE			KRP			
viii	VESTIBULE SLIDING DOOR			JBM			
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



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<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>	
			4014		NF		LWSCN		14270		13-08-2014	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	146394						146651			
	ii.	<b>Frame No.</b>	FIAT-3063						FIAT-3327			
	iii.	<b>Bolster No.</b>	3746-P						4033-P			
	iv.	<b>Axle No.</b>	RWF-110524			RWF-109639			Z-3301		129251/982	
	v.	<b>Wheel Dia.</b>	916.50	916.00	917.50	917.50	916.50	916.00	917.00	916.50		
	vi.	<b>Wheel Disc No.</b>	100-11605	250-11605	048-10570	221-11600	040-11600	134-11600	076-11605	274-10559		
	vii.	<b>R.B. Nos.</b>	36154	00475	36267	34218	36424	00382	36174	34219		
	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>	G-12-13-260	G12-13-317	G12-13-192	G12-13-352	DN-13-11-437	DN-13-11-415	DN13-11-130	DN-13-11-435			
ii.	<b>Ht. attest load</b>	513	470	515	469	514	473	512	470			
iii.	<b>Align .deviation</b>	3	16	6	20	10	8	12	6			
<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			G-13-12		G-13-12		GF			
	ii.	Primary inner Spring			G-13-12		G-13-112		GF			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							GEREP			
	v.	Lateral Damper							SACHS			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							FTI			
	viii.	Brake Disc							KBI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							GMT			
	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							SARITA			
12.4	i.	<b>Modification / Trial (if any):</b>					NIL					
	ii.	<b>Deviations (if any):</b>					NIL					

LSCN-4014