



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4121	DISPATCH DATE			18.03.2015	
2.	Railway	ECOR	Type	LWACCN	Coach No.	15102	
3.	Booked to	SSE/C&W/BBS					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	1102			
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		3.80 ± 0.15 Kg/cm <sup>2</sup>	3.80		
		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	88/89			
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					AIKON	
iii.	SEATS/ BERTHS					AAR KAY FOAMS	
iv.	BODY SIDE DOOR					SUKATA & JBM	
v.	VESTIBULE SLIDING DOOR					KALSI	
vi.	SALOON DOOR					KALSI	
vii.	WATER TANKS					AMIT & SHIVALIK	
viii.	UIC VESTIBULE					FRIKMART	
ix	FLOOR BOARD					TAYAL	
X	PVC					RESPONSIVE	
10.							
10.1	Modification / Trail (if any):					FITTED WITH BIO DIGESTER OF M/s RAIL FAB	
10.2	Deviations if any:					NIL	



12.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			4121	ECOR	LWACCN	15102	19-02-2015			
12.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	156152				156153			
	ii.	Frame No.	FIAT-3730				FIAT-3767			
	iii.	Bolster No.	4529-VT				4427-VT			
	iv.	Axle No.	C-4138		A-2978		C-4642		A-2825	
	v.	Wheel Dia.	916.00	915.50	917.00	917.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	113-10583	276-63305	150-11605	334-10582	014-11603	032-11605	090-11605	281-11603
	vii.	R.B. Nos.	36951	36575	27600	27613	24274	27451	25617	27605
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	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.	DN-10-12-1109	HZ-13-111	DN-10-12-1158	HZ-13-866	DN-10-12-1191	HZ-13-033	DN-10-12-1098	HZ-13-116	
ii.	Ht. attest load	509	464.7	505	468.0	506	467.8	513	467.2	
iii.	Align .deviation	8	35	11	36	7	41.9	4	40.9	
12.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			BPS-13-2		BPS-13-2		BPS	
	ii.	Primary inner Spring			GBD-14-5		GBD-14-5		GBD	
	iii.	Primary Damper							KONI	
	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							MGN	
	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.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

LWACCN-4121



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4113	DISPATCH DATE				18.03.2015
2.	Railway	ECOR	Type	LWACCN	Coach No.		15101
3.	Booked to	SSE/C&W/BBS					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	1105		
	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	3.80 ± 0.15 Kg/cm <sup>2</sup>	3.80		
			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	88/88		
	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	VIBHU				
	iii.	SEATS/ BERTHS	SAVITRI				
	iv.	BODY SIDE DOOR	SUKATA & JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	AMIT & SHIVALIK				
	viii.	UIC VESTIBULE	FRIKMART				
	ix	FLOOR BOARD	TAYAL				
	X	PVC	PREMIER POLYFILM				
10.							
	10.1	Modification / Trail (if any):	FITTED WITH BIO DIGESTER OF M/s RAIL FAB				
	10.2	Deviations if any:	NIL				



12.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			4113	ECOR	LWACCN	15101	13-02-2015			
12.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	156136				156137			
	ii.	Frame No.	SCI/FM-106				FIAT-3593			
	iii.	Bolster No.	4486-GT				4514-GT			
	iv.	Axle No.	C-4091		D-9701		B-9840		A-2891	
	v.	Wheel Dia.	915.00	915.00	915.00	915.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	307-63305	051-63309	372-11603	166-62314	177-11605	165-62314	087-63309	097/63309
	vii.	R.B. Nos.	30396	02489	02485	27465	31337	24374	32050	24365
	viii.	R.B. Make	SKF		SKF		SKF		SKF	
	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.	DN-12-11-1281	HZ-13-009	DN-12-11-1160	HZ-13-007	DN-12-11-1090	HZ-13-115	DN-12-11-1092	HZ-13-044	
ii.	Ht. attest load	505	465.30	508	464.80	508	466.40	512	465.30	
iii.	Align .deviation	8	36.40	11	41.90	7	39.10	7	39.30	
12.3	Items traceability:									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			CMRSK-13-02		CMRSK-13-02		CMRSK	
	ii.	Primary inner Spring			CMGBD-14-05		CMGBD-14-05		CMGBD	
	iii.	Primary Damper							KONI	
	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							WINLANE	
	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							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.	Modification / Trial (if any):							NIL	
	ii.	Deviations (if any):							NIL	

LWACCN-4113



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

**ROLLING STOCK CERTIFICATE**

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4105	DISPATCH DATE				<b>27.03.2015</b>
2.	Railway	ECOR	Type	<b>LWACCN</b>	Coach No.	<b>15103</b>	
3.	Booked to	<b>SSE/C&amp;W/BBS</b>					
4.	Tare Weight of Coach	<b>45.6 T</b>					
5.	Carrying Capacity	Seating	72	<b>Sleeping</b>	72	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	1105			
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		3.80 ± 0.15 Kg/cm <sup>2</sup>	3.80		
		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>88/89</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>VIBHU</b>	
iii.	SEATS/ BERTHS					<b>AAR KAY FOAMS</b>	
iv.	BODY SIDE DOOR					<b>SUKATA &amp; JBM</b>	
v.	VESTIBULE SLIDING DOOR					<b>KALSI</b>	
vi.	SALOON DOOR					<b>KALSI</b>	
vii.	WATER TANKS					<b>MANOJ &amp; SHIVALIK</b>	
viii.	UIC VESTIBULE					<b>FRIKMART</b>	
ix	<b>FLOOR BOARD</b>					<b>TAYAL</b>	
X	<b>PVC</b>					<b>PREMIER POLYFILM</b>	
10.							
10.1	Modification / Trail (if any):					FITTED WITH BIO DIGESTER OF M/s RAIL FAB	
10.2	Deviations if any:					NIL	



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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>	
			4105		ECOR		LWACCN		15103		21-02-2015	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>					<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	156158					156159				
	ii.	<b>Frame No.</b>	FIAT-3841					FIAT-3833				
	iii.	<b>Bolster No.</b>	4544-GT					4547-GT				
	iv.	<b>Axle No.</b>	B-9882		C-4246			Z-3832		C-0033		
	v.	<b>Wheel Dia.</b>	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	<b>Wheel Disc No.</b>	190-63301	134-10570	320-11603	365-11603	215-11600	253-11600	204-11600	025-11603		
	vii.	<b>R.B. Nos.</b>	24285	24937	29715	37683	24389	27167	29940	24416		
	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>	DN-13-2-1477	HZ-13-110	DN-13-2-1399	HZ-13-035	DN-13-2-1472	HZ-13-107	DN-13-2-1402	HZ-13-014			
ii.	<b>Ht. attest load</b>	511	464.40	510	465.30	508	468	505	465.90			
iii.	<b>Align .deviation</b>	12	50.40	9	49.20	11	56.50	11	53.20			
<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			CMRSK-13-03		CMRSK-13-03		CMRSK			
	ii.	Primary inner Spring			CMFSK-14-5		CMFSK-14-5		CMFSK			
	iii.	Primary Damper							KONI			
	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							MGN			
	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					

**LWACCN-4105**



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

**ROLLING STOCK CERTIFICATE**

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4106	DISPATCH DATE			28.03.2015	
2.	Railway	ECOR	Type	LWACCN	Coach No.	15104	
3.	Booked to	SSE/C&W/BBS					
4.	Tare Weight of Coach	45.6 T					
5.	Carrying Capacity	Seating	72	Sleeping	72	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	1105		
	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	3.80 ± 0.15 Kg/cm <sup>2</sup>	3.80		
			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	87/88		
	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	M K PRECISION				
	iii.	SEATS/ BERTHS	AAR KAY FOAMS				
	iv.	BODY SIDE DOOR	SUKATA				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	AMIT & SHIVALIK				
	viii.	UIC VESTIBULE	FRIKMART				
	ix	FLOOR BOARD	TAYAL				
	X	PVC	RESPONSIVE				
10.	Modification / Trail (if any):		FITTED WITH BIO DIGESTER OF M/s RAIL FAB				
	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>	
			4106		ECOR		LWACCN		15104		20-02-2015	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>					<b>NPP Side</b>				
	i.	<b>Bogie No.</b>	156156					156157				
	ii.	<b>Frame No.</b>	FIAT-3817					FM-111				
	iii.	<b>Bolster No.</b>	4533-GT					4535-GT				
	iv.	<b>Axle No.</b>	A-3169		A-3524			C-4009		C-4464		
	v.	<b>Wheel Dia.</b>	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	<b>Wheel Disc No.</b>	362-11603	079-63307	009-11603	002-63307	251-11603	319-11603	118-63305	015-10533		
	vii.	<b>R.B. Nos.</b>	27842	02505	37836	29714	25643	24091	26448	27666		
	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>	DN-13-02-1388	BPS-13-072	DN-13-02-1384	BPS-13-098	DN-10-12-1091	BPS-13-01	DN-10-12-1266	BPS-13-076			
ii.	<b>Ht. attest load</b>	507	468	507	463	512	468	505	466			
iii.	<b>Align .deviation</b>	17	19	18	21	9	26	9	24			
<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			BPS-2013		BPS-2013		BPS			
	ii.	Primary inner Spring			GBD-14-5		GBD-14-5		GBD			
	iii.	Primary Damper							KONI			
	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							MGN,WINLANE			
	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.	Modification / Trial (if any):				NIL						
	ii.	Deviations (if any):				NIL						

**LWACCN-4106**





रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

Page 1 of 3

**ROLLING STOCK CERTIFICATE**

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4115	DISPATCH DATE				<b>30.03.2015</b>
2.	Railway	ECOR	Type	<b>LWACCN</b>	Coach No.	<b>15105</b>	
3.	Booked to	<b>SSE/C&amp;W/BBS</b>					
4.	Tare Weight of Coach	<b>45.6 T</b>					
5.	Carrying Capacity	Seating	72	<b>Sleeping</b>	72	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	1105		
	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	3.80 ± 0.15 Kg/cm <sup>2</sup>	3.80		
			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>87/88</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,SUKATA</b>				
	v.	VESTIBULE SLIDING DOOR	<b>KALSI</b>				
	vi.	SALOON DOOR	<b>KALSI</b>				
	vii.	WATER TANKS	<b>AMIT &amp; SHIVALIK</b>				
	viii.	UIC VESTIBULE	<b>FRIKMART</b>				
	ix	<b>FLOOR BOARD</b>	<b>TAYAL</b>				
	X	<b>PVC</b>	<b>PREMIER POLYFILM`</b>				
10.							
	10.1	Modification / Trail (if any):		FITTED WITH BIO DIGESTER OF M/s RAIL FAB			
	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>	
			4115		ECOR		LWACCN		15105/C		21-02-2015	
<b>12.1</b>	<b>Wheel &amp; Axle Details:</b>		<b>PP Side</b>						<b>NPP Side</b>			
	i.	<b>Bogie No.</b>	156160						156161			
	ii.	<b>Frame No.</b>	FIAT-3829						SCI/FM-107			
	iii.	<b>Bolster No.</b>	3974-P						4235-VT			
	iv.	<b>Axle No.</b>	Z-3067			A-2901			A-3219		C-3919	
	v.	<b>Wheel Dia.</b>	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	<b>Wheel Disc No.</b>	178-10583	096-11610	098-63305	163-11605	030-63307	314-63307	023-10568	187-11611		
	vii.	<b>R.B. Nos.</b>	03053	03099	24943	36573	27850	02504	37774	02520		
	viii.	<b>R.B. Make</b>	SKF			SKF			SKF		SKF	
	ix.	<b>RB Type</b>	<b>UIC CARTRIDGE TAPER ROLLER BEARING</b>									
<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>		DN-13-03-1355	BPS-13-177	DN-13-03-1432	BPS-13-026	DN-13-03-1344	BPS-13-18	DN-13-03-1410	BPS-13-105		
ii.	<b>Ht. attest load</b>		506	466	505	467	509	468	507	468		
iii.	<b>Align .deviation</b>		12	25	15	26	8	14	10	15		
<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-10-10		YR-10-10		YR			
	ii.	Primary inner Spring			GBD-14-05		GBD-14-05		GBD			
	iii.	Primary Damper							KONI			
	iv.	Secondary damper							GEREP			
	v.	Lateral Damper							GEREP			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							KBI			
	viii.	Brake Disc							FTI,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							GMT			
	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,SARITA			
12.4	i.	<b>Modification / Trial (if any):</b>			NIL							
	ii.	<b>Deviations (if any):</b>			NIL							

**LWACCN-4115**