



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5078	DISPATCH DATE				31.3.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		163856
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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	1104	
	v)	Buffer/CBC (Make )	FAVELLY		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		GS	87	
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT				FAVELLY	
	iii.	BIO TANK				RAIL TECH	
	iv.	SEATS/S&B				GANDHI	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				CP/JBM	
	viii.	WATER TANKS				AMIT ,EC BLADE	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				ESCORT	
	XI	FLOOR BOARD				NARBADA	
	XII	PVC				RESPONSIVE	
	XIII	LP SHEET				.....	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5078		NR		LWLRRM		163856		03-03-2016	
11.1	Wheel & Axle Details:		LPC-1 PP Side(Guard )					LPC-II NPP Side (Non guard )				
	i.	Bogie No.	166220					166212				
	ii.	Frame No.	FIAT-4718					FIAT-4437				
	iii.	Bolster No.	5569-P					5565-P				
	iv.	Axle No.	128158/984		128175/984		K-3158		126590/480			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.50	916.00	916.50	916.50		
	vi.	Wheel Disc No.	7222-00195	6202-00035	06223-00192	7290-00082	7290-00083	6206-00148	6226-00002	7282-00049		
	vii.	R.B. Nos.	04124	03588	04578	04410	01854	01829	01291	02585		
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	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.	G-15-9-126	G-15-9-006	G-15-9-187	G-15-9-018	G-15-9-276	G-15-9-118	G-15-9-177	G-15-9-016			
ii.	Ht. at test load	512	468	512	468	514	469	514	471			
iii.	Align .deviation	9	12	8	11	12	10	13	11			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			GBD-15-11		GBD-15-11		GBD			
	ii.	Primary inner Spring			GBD-15-10		G-15-9		GBD,GF			
	iii.	Primary Damper			2551,25699,25645,25548		25574,25545,25580,2551		KONI			
	iv.	Secondary damper			178,25		1240,1255		GEREP			
	v.	Lateral Damper			3728		3630		KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper			B16011/2000,B16006/2000 B16008/2000,B16006/2000		B16012/2000,B16003/2000 B16009/2000,B16004/2000		FTI			
	viii.	Brake Disc							KBI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							MGN			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							SGA			
	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			
11.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

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Form No. : QMF 9454; Version: 1

1.	SHELL No.	5079	DISPATCH DATE				31.3.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		163859
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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 )	FAVELLY		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		GS	92	
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						Make
	i.	BRAKE EQUIPMENT				KBI	
	iii.	BIO TANK				RAIL TECH	
	iv.	SEATS/S&B				GANDHI	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				JBM/CP	
	viii.	WATER TANKS				AMIT & SHIVALIK	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				ESCORT	
	XI	FLOOR BOARD				TAYAL	
	XII	PVC				RESPONSIVE	
	XIII	LP SHEET				NK	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			5079	NR	LWLRRM	163858/C	31-12-2015			
11.1	<b>Wheel &amp; Axle Details:</b>		LPC-1 PP Side(Guard )				LPC-II NPP Side (Non guard )			
	i.	Bogie No.	157022				157020			
	ii.	Frame No.	FIAT-4366				FIAT-4533			
	iii.	Bolster No.	5322-VT				5404-VT			
	iv.	Axle No.	128117/984	128305/991	128222/984	128546/983				
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	6221-00203	06230-00149	06230-00152	06230-00148	6221-00069	06230-00185	06230-00190	06227--00132
	vii.	R.B. Nos.	07350	05740	04773	07459	05632	07436	04908	07277
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	<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.	Make & nos.	CMFSK-15-11-67	CMAFJ-15-12-26	CMFSK-15-11-71	CMAFJ-15-12-24	CMFSK-15-9-43	CMAFJ-14-9-393	CMFSK-15-9-6	CMAFJ-14-9-3	
ii.	Ht. at test load	510.50	468	508.50	468	510	468	510	470	
iii.	Align .deviation	7	10	8	12	7	15	9	19	
11.3	<b>Items traceability:</b>									
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			GBD-15-6		FSK-15-9		GBD,FSK	
	ii.	Primary inner Spring			FSK-15-6		FSK-15-6		FSK	
	iii.	Primary Damper			1102,1157,766,1122		1123,1100,1069,1119		GEREP	
	iv.	Secondary damper			510,461		487,411		GEREP	
	v.	Lateral Damper			1734		1732		GEREP	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper			2666/261,K1025/260 2664/261,K1023/260		2663/261,2665/261 2683/261,2681/261		KBI	
	viii.	Brake Disc							KBI	
	ix.	Ball joint Control arm							MGN	
	x.	Lateral Bump stop							MGN	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							SGA,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	
11.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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Form No. : QMF 9454; Version: 1

1.	SHELL No.	5080	DISPATCH DATE				31.03.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		163
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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	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		GS	85	
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT				KBI	
	iii.	BIO TANK				RAIL TECH	
	iv.	SEATS/S&B				GANDHI	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				CP/JBM	
	viii.	WATER TANKS				E C BLADES, AMIT	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				ESCORT	
	XI	FLOOR BOARD				TAYAL	
	XII	PVC				RESPONSIVE	
	XIII	LP SHEET				NK	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5080		NR		LWLRRM		163859		16-03-2016	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>LPC-1 PP Side(Guard )</b>					<b>LPC-II NPP Side (Non guard )</b>				
	i.	<b>Bogie No.</b>	166256					166255				
	ii.	<b>Frame No.</b>	FIAT-4661					FIAT-4436				
	iii.	<b>Bolster No.</b>	106-VT/ASR					5584-VT				
	iv.	<b>Axle No.</b>	K-4024		K-3855		127972/988		125841/477			
	v.	<b>Wheel Dia.</b>	916.00	916.00	916.00	916.00	917.00	917.00	917.00	917.00		
	vi.	<b>Wheel Disc No.</b>	7270-00088	7304-00177	7290-00128	7283-00071	6150-00157	6227-00028	6202-00088	6227-00135		
	vii.	<b>R.B. Nos.</b>	04622	07490	02262	04298	01131	01866	05010	02803		
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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>	G-15-9-156	G-15-9-085	G-15-9-226	G-15-9-089	G-15-9-179	G-15-9-102	G-15-9-192	G-15-9-094			
ii.	<b>Ht. at test load</b>	512	465	511	466	515	470	513	467			
iii.	<b>Align .deviation</b>	3	11	2	14	16	2	20	4			
11.3	<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			FSK-12-5		FSK-12-5		FSK			
	ii.	Primary inner Spring			GBD-15-11		GBD-15-11		GBD			
	iii.	Primary Damper			945,936,894,928		926,947,739,521		GEREP			
	iv.	Secondary damper			00016,0147		0041,0130		KNORR			
	v.	Lateral Damper			3268		3370		KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							-			
	viii.	Brake Disc							FTI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							MGN			
	xi.	Traction center make							EMSON			
	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			
11.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

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Form No. : QMF 9454; Version: 1

1.	SHELL No.	5083	DISPATCH DATE				19.4.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		163862
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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	1104	
	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		GS	85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						Make
	i.	BRAKE EQUIPMENT				KBI	
	iii.	BIO TANK				RAIL TECH	
	iv.	SEATS/S&B				AMIR CHAND	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				CONCEPT/JBM	
	viii.	WATER TANKS				SHIVALIK, AMIT	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				KRP	
	XI	FLOOR BOARD				NARBADA	
	XII	PVC				RESPONSIVE	
	XIII	LP SHEET				PL	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5083		NR		LWLRRM		163862/C		30-03-2016	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>LPC-I PP Side(Guard )</b>					<b>LPC-II NPP Side (Non guard )</b>				
	i.	<b>Bogie No.</b>	166305					166306				
	ii.	<b>Frame No.</b>	FIAT-4660					FIAT-4760				
	iii.	<b>Bolster No.</b>	3642-P					5563-P				
	iv.	<b>Axle No.</b>	K-3973		K-6050		K-6043		K-6678			
	v.	<b>Wheel Dia.</b>	916.00	916.00	917.00	917.00	916.00	916.00	916.00	916.00		
	vi.	<b>Wheel Disc No.</b>	7270-00156	7283-00140	7298-00057	7783-00011	7302-00065	7283-00115	7275-00054	7271-00031		
	vii.	<b>R.B. Nos.</b>	04135	03706	04727	01787	02354	01317	07079	01179		
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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>	G-15-9-219	G-15-9-103	G-15-9-235	G-15-9-116	G-15-9-289	G-15-9-038	G-15-9-205	G-15-9-054			
ii.	<b>Ht. at test load</b>	511	466	511	468	513	468	514	470			
iii.	<b>Align .deviation</b>	2	11	6	11	16	9	16	6			
11.3	<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			GBD-15-11		GBD-15-11		GBD			
	ii.	Primary inner Spring			GBD-15-11		GBD-15-11		GBD			
	iii.	Primary Damper			675,630,794,664		1406,1505,614,1153		GEREP			
	iv.	Secondary damper			999,359		1274,60		GEREP			
	v.	Lateral Damper			3339		3689		KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper			2652/261,K2631/260 2339/261,K2633/260		2671/261,2664/261 2672/261,2665/261		KBI			
	viii.	Brake Disc							FTI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							MGN			
	xi.	Traction center make							SARITA			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							MGN			
	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			
11.4	i.	<b>Modification / Trial (if any):</b>					NIL					
	ii.	<b>Deviations (if any):</b>					NIL					

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5085	DISPATCH DATE				18.4.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		163861
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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	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		GS	89	
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						Make
	i.	BRAKE EQUIPMENT				KBI	
	iii.	BIO TANK				RAIL TECH	
	iv.	SEATS/S&B				GANDHI	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				CP/JBM	
	viii.	WATER TANKS				SHIVALIK, AMIT	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				ESCORT	
	XI	FLOOR BOARD				TAYAL	
	XII	PVC				RESPONSIVE	
	XIII	LP SHEET					
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5085		NR		LWLRRM		163861/C		30-03-2016	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>LPC-I PP Side(Guard )</b>					<b>LPC-II NPP Side (Non guard )</b>				
	i.	<b>Bogie No.</b>	166303					166304				
	ii.	<b>Frame No.</b>	FIAT-4697					FIAT-4734				
	iii.	<b>Bolster No.</b>	5646-VT					5678-PS				
	iv.	<b>Axle No.</b>	K-5847		K-2982		N-0590		K-6406			
	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>	7291-00123	7283-00175	7275-00203	7283-00176	7305-00167	7283-00166	7283-00171	7298-00013		
	vii.	<b>R.B. Nos.</b>	03964	01492	04160	04867	1887	02036	02065	03139		
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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>	<b>Outer</b>	<b>Inner</b>
i.	<b>Make &amp; nos.</b>	G-15-9-177	G-15-9-118	G-15-9-231	G-15-9-027	G-15-9-211	G-15-9-105	G-15-9-215	G-15-9-070			
ii.	<b>Ht. at test load</b>	511	465	512	464	515	468	515	467			
iii.	<b>Align .deviation</b>	7	17	5	15	17	7	17	5			
11.3	<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			GBD-15-11			GBD-15-11			GBD	
	ii.	Primary inner Spring			GBD-15-11			GBD-15-11			GBD	
	iii.	Primary Damper			685,1164,1159,1169			1584,832,641,635			GEREP	
	iv.	Secondary damper			1095,982			986,984			GEREP	
	v.	Lateral Damper			3755			L-3412			KONI	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			2670/261,K1029/260 2673/261,K1030/260			2551/261,2699/261 2639/261,2698/261			KBI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	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	
11.4	i.	<b>Modification / Trial (if any):</b>						NIL				
	ii.	<b>Deviations (if any):</b>						NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5086	DISPATCH DATE				19.4.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		163863
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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	1104	
	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		GS	85	
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:					Make	
	i.	BRAKE EQUIPMENT				KBI	
	iii.	BIO TANK				RAIL TECH	
	iv.	SEATS/S&B				GANDHI	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				CONCEPT/JBM	
	viii.	WATER TANKS				SHIVALIK, AMIT	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				ESCORT/KRP	
	XI	FLOOR BOARD				TAYAL	
	XII	PVC				RESPONSIVE	
	XIII	LP SHEET				PL	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5086		NR		LWLRRM		163863/C		29-03-2016	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>LPC-I PP Side(Guard )</b>					<b>LPC-II NPP Side (Non guard )</b>				
	i.	<b>Bogie No.</b>	166297					166298				
	ii.	<b>Frame No.</b>	FIAT-4782					FIAT-4693				
	iii.	<b>Bolster No.</b>	146/GT/ASR					5635-VT				
	iv.	<b>Axle No.</b>	K-2744		K-2906		126374/474		K-3235			
	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>	7274-00011	7297-00176	7270-00023	7283-00064	7282-00137	6221-00174	7283-00173	7305-00218		
	vii.	<b>R.B. Nos.</b>	05587	04781	05565	04290	02322	01207	01447	02350		
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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>	G-15-9-229	G-15-9-066	G-15-9-210	G-15-9-077	G-15-9-225	G-15-9-085	G-15-9-171	G-15-9-116			
ii.	<b>Ht. at test load</b>	511	465	512	465	515	471	514	471			
iii.	<b>Align .deviation</b>	4	6	5	8	15	3	15	4			
11.3	<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			GBD-15-11			GBD-15-11			GBD	
	ii.	Primary inner Spring			GBD-15-11			GBD-15-11			GBD	
	iii.	Primary Damper			1442,1399,636,1172			1431,1324,1271,1263			GEREP	
	iv.	Secondary damper			189,996			294,1009			GEREP	
	v.	Lateral Damper			3685			3696			KONI	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			2654/261,K1027/260 2655/261,K1028/260			2657/261,2478/261 2656/261,2477/261			KBI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									EMSON	
	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	
11.4	i.	<b>Modification / Trial (if any):</b>						NIL				
	ii.	<b>Deviations (if any):</b>						NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5087	DISPATCH DATE				10.04.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		163860
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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	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		GS	88	
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:						Make
	i.	BRAKE EQUIPMENT				KBI	
	iii.	BIO TANK				RAIL TECH	
	iv.	SEATS/S&B				GANDHI	
	v.	BODY SIDE DOOR				JBM	
	vi.	VESTIBULE SLIDING DOOR				KALSI	
	vii.	CREW-GEN & GUARD ROOM DOOR				CP/JBM	
	viii.	WATER TANKS				SHIVALIK, AMIT	
	ix	FUEL TANK				GAURAV	
	x	UIC VESTIBULE				ESCORT	
	XI	FLOOR BOARD				TAYAL	
	XII	PVC				RESPONSIVE	
	XIII	LP SHEET				.....	
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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11.	<b>Bogie Details:</b>		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5087		NR		LWLRRM		163860		19-03-2016	
11.1	<b>Wheel &amp; Axle Details:</b>		LPC-1 PP Side(Guard )					LPC-II NPP Side (Non guard )				
	i.	Bogie No.	166280					166279				
	ii.	Frame No.	FIAT-4720					FIAT-4749				
	iii.	Bolster No.	5629-VT					5620-VT				
	iv.	Axle No.	K-6661		126012/475			K-3919		K-3441		
	v.	Wheel Dia.	916.50	916.00	916.00	916.00	917.00	917.00	916.00	916.50		
	vi.	Wheel Disc No.	7300-00174	7305-00087	7305-00156	7303-00032	7279-00174	7277-00125	7300-00050	7283-00137		
	vii.	R.B. Nos.	05196	04659	04577	05074	05316	01761	05344	02202		
	viii.	R.B. Make	TIMKEN		TIMKEN			TIMKEN		TIMKEN		
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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.	Make & nos.	G-15-9-169	G-15-9-024	G-15-9-186	G-15-9-095	G-15-9-268	G-15-9-017	G-15-9-222	G-15-9-021			
ii.	Ht. at test load	510	468	510	466	512	470	512	468			
iii.	Align .deviation	4	9	5	15	19	2	19	4			
11.3	<b>Items traceability:</b>											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			GBD-15-11		GBD-15-11		GBD			
	ii.	Primary inner Spring			GBD-15-10		GBD-15-10		GBD			
	iii.	Primary Damper			1277,1039,1265,1266		798,998,1445,1284		GEREP			
	iv.	Secondary damper			525,512		1017,1325		GEREP			
	v.	Lateral Damper			L-3747		L-3730		KONI			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper							-----			
	viii.	Brake Disc							FTI			
	ix.	Ball joint Control arm							MGN			
	x.	Lateral Bump stop							MGN			
	xi.	Traction center make							SARITA, EMSON			
	xii.	Traction lever make							SARITA			
	xiii.	Ball joint traction lever							GMT			
	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							SARITA			
11.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5082	DISPATCH DATE				30.3.2016
2.	Railway	NR	Type	LWLRRM	Coach No.		153857
3.	Booked to			SSE/C&W/NDLS			
4.	Tare Weight of Coach		53.4 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	Luggage	3.9 T
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 )	FAIVELEY		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		GS	88	
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			ESCORTS		
	iii.	BIO TANK			RAIL TECH		
	iv.	SEATS/S&B			GANDHI		
	v.	BODY SIDE DOOR			JBM		
	vi.	VESTIBULE SLIDING DOOR			KALSI		
	vii.	CREW-GEN & GUARD ROOM DOOR			CP/JBM		
	viii.	WATER TANKS			E C BLADES, AMIT		
	ix	FUEL TANK			GAURAV		
	x	UIC VESTIBULE			ESCORT		
	XI	FLOOR BOARD			NARBADA		
	XII	PVC			RESPONSIVE		
	XIII	LP SHEET			.....		
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

11.	<b>Bogie Details:</b>		<b>Shell No.</b>		<b>Railway</b>		<b>Type</b>		<b>Coach No.</b>		<b>Dispatch Date</b>	
			5082		NR		LWLRRM		163857		03-03-2016	
11.1	<b>Wheel &amp; Axle Details:</b>		<b>LPC-1 PP Side(Guard )</b>					<b>LPC-II NPP Side (Non guard )</b>				
	i.	<b>Bogie No.</b>	166217					166211				
	ii.	<b>Frame No.</b>	FIAT-4709					FIAT-4440				
	iii.	<b>Bolster No.</b>	5366-VT					5556-P				
	iv.	<b>Axle No.</b>	126414/481		129075/986		128309/991		128995/986			
	v.	<b>Wheel Dia.</b>	917.00	917.00	917.00	917.00	915.00	915.00	915.00	915.00		
	vi.	<b>Wheel Disc No.</b>	7304-00155	6204-00109	6202-00078	6234-00098	06234-00073	06229-00079	7282-00161	06226-00099		
	vii.	<b>R.B. Nos.</b>	01371	05161	07273	01754	04770	02865	02302	02483		
	viii.	<b>R.B. Make</b>	TIMKEN		TIMKEN		TIMKEN		TIMKEN			
	ix.	<b>RB Type</b>	UIC CARTRIDGE TAPER ROLLER BEARING									
11.2	<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>	G-15-9-154	G-15-9-013	G-15-9-166	G-15-9-009	G-15-9-245	G-15-9-031	G-15-9-259	G-15-9-042			
ii.	<b>Ht. at test load</b>	511	468	511	466	513	469	515	471			
iii.	<b>Align .deviation</b>	3	12	5	14	12	7	13	8			
11.3	<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			GBD-15-11			GBD-15-11			GBD	
	ii.	Primary inner Spring			GBD-15-10			G-15-9			GBD,GF	
	iii.	Primary Damper			2554,25534,25549,25553			25518,25547,25560,25581			KONI	
	iv.	Secondary damper			27,171			1205,1264			GEREP	
	v.	Lateral Damper			3296			3724			KONI	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			B16010/2000,B16003/2000 B16007/2000,B16001/2000			B16004/2000,B16008/2000 B16003/2000,B16005/2000			FTI	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									MGN	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									SGA	
	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	
11.4	i.	<b>Modification / Trial (if any):</b>			NIL							
	ii.	<b>Deviations (if any):</b>			NIL							