



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5066	DISPATCH DATE				26.11.2015
2.	Railway	ECR	Type	LWACCN	Coach No.	15117	
3.	Booked to	SSE/C&W/SPJ					
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	1104	1103		
	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 ²	6 -10 sec	6 Sec		
			Max Pressure in BC	3.80 ± 0.15 Kg/cm ²	3.80		
			All Brake are applied	OK	OK		
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min	No brake application	OK		
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.	Brake must apply	OK		
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	NEROLAC	87/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	FAIVELEY				
	ii.	CDTS/ BIO TOILET	AIR FLOW				
	iii.	SEATS/ BERTHS	ADVANCE				
	iv.	BODY SIDE DOOR	SUKATA & JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	KUTEER & SHIVALIK				
	viii.	UIC VESTIBULE	ESCORTS				
	ix	FLOOR BOARD	NARBADA				
	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				



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5066		ECR		LACCN		15117		03-11-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156761						156762			
	ii.	Frame No.	FIAT-4346						FIAT-4386			
	iii.	Bolster No.	5120-P						5161-VT			
	iv.	Axle No.	130154/469		126047/475		126837/468		126838/468			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	915.50	915.50		
	vi.	Wheel Disc No.	06222-00137	6194-00003	06222-00105	06222-00168	06222-00060	6194-00133	6222-00187	6222-00011		
	vii.	R.B. Nos.	06687	34020	06063	30664	38815	06728	33830	06068		
	viii.	R.B. Make	SKF		SKF		SKF		SKF			
	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-15-4-044	DN-12-6-1486	G-15-4-041	DN-12-6-1366	G-15-4-123	DN-12-6-1352	G-15-4-042	DN-12-6-1465			
ii.	Ht. at test load	515	465	513	464	511	464	513	462			
iii.	Align .deviation	14	3	17	6	18	10	18	13			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			G-15-3			G-15-3			GF	
	iii.	Primary Damper			25653,25654,25789,25763			25517,25746,25613,25587			KONI	
	iv.	Secondary damper			524,441			1339,440			GEREP	
	v.	Lateral Damper			242			244			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			K15008/600,K15039/600, H15197/600,K15037/600			K15013/600,K15046/600, K15011/600,K15048/600			FTI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									GMT	
	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,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	
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.	5070	DISPATCH DATE				12.12.2015
2.	Railway	ECR	Type	LWACCN	Coach No.	15118	
3.	Booked to	SSE/C&W/JYG					
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 ²		6 -10 sec	6 Sec	
			Max Pressure in BC		3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT		NEROLAC	87/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
i.	BRAKE EQUIPMENT		FAIVELEY				
ii.	CDTS/ BIO TOILET		RAIL FAB				
iii.	SEATS/ BERTHS		RAJINDER DASS				
iv.	BODY SIDE DOOR		SUKATA & JBM				
v.	VESTIBULE SLIDING DOOR		KAKSI				
vi.	SALOON DOOR		KALSI				
vii.	WATER TANKS		KUTEER, MANOJ & SHIVALIK				
viii.	UIC VESTIBULE		ESCORTS				
ix	FLOOR BOARD		NARBADA				
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		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5070		EC		LACCN		15118/C		19-11-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156886						156887			
	ii.	Frame No.	FIAT-4154						BEC-035			
	iii.	Bolster No.	5263-P						4811-GT			
	iv.	Axle No.	128384/991		125972/475		125624/377		128659/989			
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	916.50	916.50	917.00	917.00		
	vi.	Wheel Disc No.	06228-00169	6202-00203	7172-00026	6222-00003	6208-00106	6222-00111	6222-00110	06228-00167		
	vii.	R.B. Nos.	06081	22564	06095	01925	05806	01939	06086	02068		
	viii.	R.B. Make	SKF		SKF		SKF		SKF			
	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.	GBD-15-3-	G-12-8-	GBD-15-3-	G-12-8-	GBD-15-3-	G-12-8-	GBD-15-3-	G-12-8-			
ii.	Ht. at test load	512	466	512	467	515	467	515	468			
iii.	Align .deviation	7	10	9	12	7	20	7	23			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			GBD-15-6			GBD-15-6			GBD	
	iii.	Primary Damper			0346,0239,0348,0354			0377,0347,0237,0349			KNORR	
	iv.	Secondary damper			0019,0055			0158,0093			KNORR	
	v.	Lateral Damper			0037			0046			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			L15048/600,L15044/600, L15066/600,L15043/600			H15181/600,H15171/600, H15180/600,H15169/600			FTI	
	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									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.	5068	DISPATCH DATE				14.12.2015
2.	Railway	ECR	Type	LWACCN	Coach No.	15119	
3.	Booked to	SSE/C&W/JYG					
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 ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied		OK	OK	
	7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK	
	7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	NEROLAC	86/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	FAIVELEY				
	ii.	CDTS/ BIO TOILET	RAIL FAB				
	iii.	SEATS/ BERTHS	AAR KAY FOAMS				
	iv.	BODY SIDE DOOR	SUKATA & JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	KUTEER, MANOJ & SHIVALIK				
	viii.	UIC VESTIBULE	ESCORTS				
	ix	FLOOR BOARD	NARBADA				
	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		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date		
			5068		EC		LACCN		15119/C		14-11-2015		
11.1	Wheel & Axle Details:		PP Side						NPP Side				
	i.	Bogie No.	156871						156872				
	ii.	Frame No.	VS-18						FIAT-4369				
	iii.	Bolster No.	5097-P						5126-P				
	iv.	Axle No.	129222/992		129034/986		A-2794		125653/377				
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00	
	vi.	Wheel Disc No.	6192-00841	6207-00215	6207-00213	7150-00025	06228-00088	06211-00139	7172-00120	06222-00170			
	vii.	R.B. Nos.	29888	22022	21814	23347	23383	01212	21830	16886			
	viii.	R.B. Make	SKF		SKF		SKF		SKF				
	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	Outer	Inner	
i.	Make & nos.	CMGBD-15-3-11	G-12-8-3609	CMGBD-15-3-22	G-12-8-3492	CMGBD-15-3-43	G-12-8-3239	CMGBD-15-3-29	G-12-8-1357				
ii.	Ht. at test load	512	467	510	467	515	467	515	467				
iii.	Align .deviation	7	17	9	20	9	11	7	7				
11.3	Items traceability:												
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make		
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK		
	ii.	Primary inner Spring			G-15-3			G-15-3			GF		
	iii.	Primary Damper			0151,0171,0170,0089			0149,0159,0119,0105			KNORR		
	iv.	Secondary damper			0021,0169			0164,0168			KNORR		
	v.	Lateral Damper			215			322			GEREP		
	vi.	Yaw Damper									NIL		
	vii.	Brake cylinder & Caliper			15159/600,15180/600 15149/600,15113/600			H15048/600,H15097/600 H15095/600,H15104/600			FTI		
	viii.	Brake Disc									FTI		
	ix.	Ball joint Control arm									MGN		
	x.	Lateral Bump stop									GMT		
	xi.	Traction center make									EMSON		
	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									EMSON		
	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.	5052	DISPATCH DATE				25.11.2015
2.	Railway	ECR	Type	LWACCN	Coach No.	15115	
3.	Booked to	SSE/C&W/SPJ					
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		1102	1104	
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 ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT		APEX	85/86	
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		AIR FLOW				
iii.	SEATS/ BERTHS		ADVANCE				
iv.	BODY SIDE DOOR		SUKATA & JBM				
v.	VESTIBULE SLIDING DOOR		KALSI				
vi.	SALOON DOOR		HANSPAL				
vii.	WATER TANKS		KUTEER & SHIVALIK				
viii.	UIC VESTIBULE		SUNCREAST				
ix	FLOOR BOARD		NARBADA				
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		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5052		EC		LACCN		15115/C		04-11-2015	
11.1	Wheel & Axle Details:		PP Side						NPP Side			
	i.	Bogie No.	156823						156824			
	ii.	Frame No.	VS-24						VS-26			
	iii.	Bolster No.	5104-P						5218-P			
	iv.	Axle No.	125759/473		129315/982		128461/983		C-4299			
	v.	Wheel Dia.	917.00	917.00	916.00	916.00	915.00	915.00	916.00	916.00		
	vi.	Wheel Disc No.	7166-00162	6232-00001	06222-00066	6232-00027	6222-00017	06222-00156	6232-00161	6232-00176		
	vii.	R.B. Nos.	34715	38801	34980	34711	30651	33978	34798	30682		
	viii.	R.B. Make	SKF		SKF		SKF		SKF			
	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.	GBD-15-8-76	G-12-8-3328	GBD-15-8-41	G-12-8-3430	GBD-15-8-69	G-12-8-3412	GBD-15-8-48	G-12-8-3393			
ii.	Ht. at test load	514	465	512	467	515	468	515	468			
iii.	Align .deviation	9	13	12	14	8	16	10	21			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-14-5			RSK-14-5			RSK	
	ii.	Primary inner Spring			G-15-3			G-15-3			GF	
	iii.	Primary Damper			25144,25532,25236,25150			25238,25234,25259,25193			KONI	
	iv.	Secondary damper			426,460			428,427			GEREP	
	v.	Lateral Damper			287			219			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			1793/691,1845/691,1794/691,1844/691			1797/691,1843/691,1896/691,1842/691			KBI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									GMT	
	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									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.	5055	DISPATCH DATE			30.11.2015	
2.	Railway	ECR	Type	LWACCN	Coach No.	15116	
3.	Booked to	SSE/C&W/JYG					
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 ²		6 -10 sec	6 Sec	
			Max Pressure in BC		3.80 ± 0.15 Kg/cm ²	3.80	
			All Brake are applied		OK	OK	
7.2	Insensitivity		Exhaust BP @ 0.3 kg/cm ² /min		No brake application	OK	
7.3	Sensitivity		Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply	OK	
8.	PAINTING DEATAILS:		TYPE OF PAINT		MAKE	AVERAGE GLOSS VALUE	
8.1	PAINT		PU PAINT		APEX	89/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				FAIVELEY		
ii.	CDTS/ BIO TOILET				AMIT		
iii.	SEATS/ BERTHS				ADVANCE		
iv.	BODY SIDE DOOR				SUKATA & JBM		
v.	VESTIBULE SLIDING DOOR				KALSI		
vi.	SALOON DOOR				KALSI		
vii.	WATER TANKS				KUTEER, E C BLADES, MANOJ & SHIVALIK		
viii.	UIC VESTIBULE				SUNCREAST		
ix	FLOOR BOARD				NARBADA		
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		



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11.	Bogie Details:		Shell No.		Railway		Type		Coach No.		Dispatch Date	
			5055		ECR		LACCN		15116		10-11-2015	
11.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	156857					156858				
	ii.	Frame No.	ECBT-992					ECBT-982				
	iii.	Bolster No.	5063-GT					107-GT/ASR				
	iv.	Axle No.	A-2839		128233/991		125645/377		129363/982			
	v.	Wheel Dia.	915.50	915.00	915.00	915.00	915.00	915.00	915.00	915.00	915.00	
	vi.	Wheel Disc No.	6208-00164	6211-00048	6208-00182	7150-00067	6208-00192	7150-00070	7150-00185	6208-00170		
	vii.	R.B. Nos.	05714	06073	05722	05300	05713	05781	03726	05817		
	viii.	R.B. Make	SKF		SKF		SKF		SKF			
	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.	GBD-15-3-19	G-12-8-3484	GBD-15-3-63	G-12-8-3475	GBD-15-3-05	G-12-8-3361	GBD-15-3-64	G-12-8-3324			
ii.	Ht. at test load	513.5	464	512	466	515	468	514	467			
iii.	Align .deviation	11	29	12	31	7	18	8	22			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie		NPP side Bogie		Make			
	i.	Primary Outer Spring			RSK-14-5		RSK-14-5		RSK			
	ii.	Primary inner Spring			G-15-3		G-15-3		GF			
	iii.	Primary Damper			25148,25476,25280,25180		25188,25147,25176,25221		KONI			
	iv.	Secondary damper			4659,4758		4782,4814		KONI			
	v.	Lateral Damper			221		90		GEREP			
	vi.	Yaw Damper							NIL			
	vii.	Brake cylinder & Caliper			15169/600,15163/600 15184/600,15048/600		L15002/600,L15036/600 K15118/600,L15039/600		FTI			
	viii.	Brake Disc							FTII			
	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							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			
11.4	i.	Modification / Trial (if any):					NIL					
	ii.	Deviations (if any):					NIL					

LWACCN-5055

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