



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	5008	DISPATCH DATE				30.06.2016
2.	Railway	ER	Type	LWCBAC	Coach No.	16801	
3.	Booked to	SSE/C&W/HWH					
4.	Tare Weight of Coach	40.9 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	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	1092		
	v)	Buffer/CBC (Make)	ESCORT	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	GS	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	RAIL FAB				
	iii.	SEATS/ BERTHS	AMIR CHAND				
	iv.	BODY SIDE DOOR	JBM				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	SHIVALIK,				
	viii.	UIC VESTIBULE	FRINKMART				
	ix	FLOOR BOARD	TAYAL				
	X	PVC	RESPONSIVE				
	Xi	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	
			5008		ER		LWBAC		16801/C		27-02-2016	
11.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	166203					166204				
	ii.	Frame No.	FIAT-4726					FIAT-4320				
	iii.	Bolster No.	5552-P					5515-VT				
	iv.	Axle No.	126411/481		129015/986		128608/989		127976/988			
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	917.00	917.00	917.00	917.00		
	vi.	Wheel Disc No.	6229-00043	7290-00032	6210-00139	06150-00130	6230-00105	06223-00116	6227-00040	06231-00198		
	vii.	R.B. Nos.	16578	16038	16569	16571	21191	16603	22645	23024		
	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.	RSK-15-5-362	RSK-15-3-064	RSK-15-5-92	RSK-15-3-163	RSK-15-5-426	RSK-15-3-080	RSK-15-5-424	RSK-15-3-517			
ii.	Ht. at test load	512	468	513	467	509	468	511	467			
iii.	Align .deviation	22	33	22	35	9	23	9	24			
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			RSK-14-5			RSK-14-5			RSK	
	iii.	Primary Damper			648,639,677,869			815,809,907,932			GEREP	
	iv.	Secondary damper			1203,1252			1211,1227			GEREP	
	v.	Lateral Damper			3702			3716			KONI	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			2063/691,2105/691 2065/691,2107/691			2064/691,2108/691 2106/691,2043/691			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	
	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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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	6002	DISPATCH DATE				26.08.16
2.	Railway	ER	Type	LWCBAC	Coach No.	16802	
3.	Booked to	SSE/C&W/LILLUAH					
4.	Tare Weight of Coach	40.9 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	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	1090			
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	VIBGYOR	86/87			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT					KBI	
ii.	BIO TOILET					MK PRECISION	
iii.	SEATS/ BERTHS					AMIR CHAND	
iv.	BODY SIDE DOOR					JBM	
v.	VESTIBULE SLIDING DOOR					KALSI	
vi.	SALOON DOOR					KALSI	
vii.	WATER TANKS					KUTEER, MANOJ,SHIVALIK	
viii.	UIC VESTIBULE					KRP	
ix	FLOOR BOARD					TWPL	
X	PVC					RESPONSIVE	
Xi	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	
			6002				LWBAC		16802		12-07-2016	
11.1	Wheel & Axle Details:		PP Side				NPP Side					
	i.	Bogie No.	166597				166598					
	ii.	Frame No.	FIAT-4945				FIAT-4453					
	iii.	Bolster No.	5730-P				5939-PS					
	iv.	Axle No.	N-6571		N-0660		N-6282		N-6670			
	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.	13352-000263	13352-00227	13350-00074	13352-00013	13352-00025	13350-00004	13354-00197	13354-00170	13354-00170	13354-06730
	vii.	R.B. Nos.	33384	35757	35394	35017	35750	33421	35079	35079	35079	06730
	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.	RSK-15-4-54	FSK-16-4-86	RSK-15-4-20	FSK-16-4-66	RSK-15-4-32	FSK-16-4-73	RSK-15-4-22	FSK-16-4-110			
ii.	Ht. at test load	508	463	509	465	509	463	509	468			
iii.	Align .deviation	7	7	7	8	5	7	7	9			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			L&S-12-4			L&S-12-4			L&S	
	ii.	Primary inner Spring			RSK-14-05			RSK-14-05			RSK	
	iii.	Primary Damper			1298,1382,1391,1349			1280,1384,1387,1388			KNORR	
	iv.	Secondary damper			0539,0533			0541,0543			KNORR	
	v.	Lateral Damper			0395			0146			KNORR	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper			3742/691,3687/691 3740/691,3688/691			3739/691,3609/691 3741/691,3691/691			KBI	
	viii.	Brake Disc									FTI	
	ix.	Ball joint Control arm									GMT	
	x.	Lateral Bump stop									GMT	
	xi.	Traction center make									SARITA	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									MGN,GMT	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									TESPACK	
	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				

LBC-6002



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Form No. : QMF 9454; Version: 1

1.	SHELL No.	6003	DISPATCH DATE				31.08.2016
2.	Railway	ER	Type	LWCBAC	Coach No.	16803	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach	40.9 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	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	1100		
	v)	Buffer/CBC (Make)	ESCORT	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	VIBGYOR	87/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:		Make				
	i.	BRAKE EQUIPMENT	FAVELLY				
	ii.	BIO TOILET	RAIL FAB+JSL				
	iii.	SEATS/ BERTHS	AMIR CHAND				
	iv.	BODY SIDE DOOR	JBM,SUKATA				
	v.	VESTIBULE SLIDING DOOR	KALSI				
	vi.	SALOON DOOR	KALSI				
	vii.	WATER TANKS	SHIVALIK, MANOJ,KUTEER				
	viii.	UIC VESTIBULE	KRP				
	ix	FLOOR BOARD	OVPL				
	X	PVC	RESPONSIVE				
	Xi	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		
			6003		ER		LWCBAC		16803		05-07-2016		
11.1	Wheel & Axle Details:		PP Side				NPP Side						
	i.	Bogie No.	166566				166567						
	ii.	Frame No.	FIAT-4940				FIAT-4948						
	iii.	Bolster No.	5007-PS				5899-PS						
	iv.	Axle No.	N-6679		N-6569		N-6603		N-6504				
	v.	Wheel Dia.	916.00	916.00	916.00	916.00	916.50	916.00	916.00	916.00	916.00	916.00	
	vi.	Wheel Disc No.	13350-00176	13350-00173	13350-00046	13350-00141	13350-00161	13350-00236	13350-00215	13350-00215	13350-00194	13350-00194	
	vii.	R.B. Nos.	29750	38580	02682	38556	80214	38551	02722	02722	38564	38564	
	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.	DN-13-5-3650	RSK-15-3-85	DN-12-8-2780	RSK-15-3-910	DN-12-8-2763	RSK-15-3-008	DN-13-5-3788	RSK-15-3-64				
ii.	Ht. at test load	503	463	502	464	506	464	504	466				
iii.	Align .deviation	19	35	19	35	20	34	20	33				
11.3	Items traceability:												
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make		
	i.	Primary Outer Spring			RSK-15-10			RSK-15-10			RSK		
	ii.	Primary inner Spring			RSK-14-05			RSK-14-05			RSK		
	iii.	Primary Damper			064,052,037,034			033,068,030,080			GABRAIL		
	iv.	Secondary damper			1353,1323			1336,132			GEREP		
	v.	Lateral Damper			0378			0306			KNORR		
	vi.	Yaw Damper									NIL		
	vii.	Brake cylinder & Caliper			F16189/600,F16219/600 F16190/600,F16222/600			F16197/600,F16228/600 F16198/600,F16223/600			FTI		
	viii.	Brake Disc									FTI		
	ix.	Ball joint Control arm									GMT		
	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									TESCPAK		
	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.	6001	DISPATCH DATE				02.09.2016
2.	Railway	ER	Type	LWCBAC	Coach No.	16804	
3.	Booked to	SSE/C&W/LILUAH					
4.	Tare Weight of Coach	40.9 T					
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	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)	ESCORT	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	VIBGYOR	89/90		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		kbi			
	ii.	BIO TOILET		RAIL FAB+JSL			
	iii.	SEATS/ BERTHS		AMIR CHAND			
	iv.	BODY SIDE DOOR		SUKATA			
	v.	VESTIBULE SLIDING DOOR		KALSI			
	vi.	SALOON DOOR		KALSI			
	vii.	WATER TANKS		SHIVALIK,KUTEER			
	viii.	UIC VESTIBULE		KRP			
	ix	FLOOR BOARD		TWPL			
	X	PVC		RESPONSIVE			
	Xi	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	
			6001		ER		LWCBAC		16804		03-05-2016	
11.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	166379					166380				
	ii.	Frame No.	FIAT-4824					FIAT-4789				
	iii.	Bolster No.	5765-VT					4743-VT				
	iv.	Axle No.	N-0399		K-3101			N-0756		K-3926		
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	
	vi.	Wheel Disc No.	7271-00192	7272-00097	6204-00187	07302-00136	7304-00046	7271-00035	7304-00016	7271-00036		
	vii.	R.B. Nos.	03957	03904	04022	04436	03703	03967	04436	04134		
	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.	DN-12-5-161	RSK-15-5-05	DN-12-5-1650	RSK-15-5-03	DN-12-5-1536	RSK-15-5-020	DN-12-8-2040	RSK-15-5-011			
ii.	Ht. at test load	505	465	503	466	503	464	505	465			
iii.	Align .deviation	17	8	14	5	20	40	20	35			
11.3	Items traceability:											
	Sno.	Item			PP Side Bogie			NPP side Bogie			Make	
	i.	Primary Outer Spring			RSK-15-11			RSK-15-11			RSK	
	ii.	Primary inner Spring			RSK-14-5			RSK-14-5			RSK	
	iii.	Primary Damper			777,740,578,756			602,455,718,723			GEREP	
	iv.	Secondary damper			52,48			91,43			GEREP	
	v.	Lateral Damper			208			136			GEREP	
	vi.	Yaw Damper									NIL	
	vii.	Brake cylinder & Caliper									-----	
	viii.	Brake Disc									KBI	
	ix.	Ball joint Control arm									MGN	
	x.	Lateral Bump stop									GMT,MGN	
	xi.	Traction center make									EMSON,SAR ITA	
	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									JVR	
	xix.	Fork make									SARITA	
11.4	i.	Modification / Trial (if any):			NIL							
	ii.	Deviations (if any):			NIL							

LWCBAC-6001



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Form No. : QMF 9454; Version: 1

1.	SHELL No.	6004	DISPATCH DATE				03.09.2016
2.	Railway	ER	Type	LWCBAC	Coach No.	16805	
3.	Booked to		SSE/C&W/LILUAH				
4.	Tare Weight of Coach		40.9 T				
5.	Carrying Capacity	Seating	NIL	Sleeping	NIL	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	1100	
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		VIBGYOR	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, JSL
iii.	SEATS/ BERTHS						AAR KAY FOAMS
iv.	BODY SIDE DOOR						SUKATA
v.	VESTIBULE SLIDING DOOR						KALSI
vi.	SALOON DOOR						KALSI
vii.	WATER TANKS						AMIT & KUTEER, SHIVALIK
viii.	UIC VESTIBULE						KRP
ix	FLOOR BOARD						TWPL
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			
			6004	ER	LWCBAC	16805	07-07-2016			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	166568				166569			
	ii.	Frame No.	FIAT-4880				FIAT-4877			
	iii.	Bolster No.	5910-PS				5914-PS			
	iv.	Axle No.	K-3797		N-0555		N-0299		N-1067	
	v.	Wheel Dia.	916.50	916.50	916.00	916.00	916.00	916.00	917.00	917.00
	vi.	Wheel Disc No.	13353-00103	13351-00149	13353-00165	13352-00024	13354-00056	13350-00133	13350-00231	13352-00195
	vii.	R.B. Nos.	34726	35618	22208	33455	22410	39015	06740	06100
	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.	DN-12-05-1553	RSK-15-4-908	DN-12-05-1651	RSK-15-4-040	DN-12-05-1556	RSK-15-4-526	DN-12-05-1689	RSK-15-4-055	
ii.	Ht. at test load	506	465	504	465	503	467	504	468	
iii.	Align .deviation	18	35	20	36	18	30	18	31	
11.3	Items traceability:									
	Sno.	Item	PP Side Bogie		NPP side Bogie		Make			
i.		Primary Outer Spring	RSK-15-11		RSK-15-11		RSK			
ii.		Primary inner Spring	RSK-14-05		RSK-14-05		RSK			
iii.		Primary Damper	078,031,020,062		009,006,026,025		GABRAIL			
iv.		Secondary damper	1466,1469		1435,1418		GEREP			
v.		Lateral Damper	0392		0191		KNORR			
vi.		Yaw Damper					NIL			
vii.		Brake cylinder & Caliper					-----FTI			
viii.		Brake Disc								
ix.		Ball joint Control arm					GMT			
x.		Lateral Bump stop					GMT			
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					TESCPAK			
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							