



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7011	DISPATCH DATE			04.07.2017	
2.	Railway	NR	Type	LWSCZ	Coach No.	173607	
3.	Booked to	SSE/C&W/NDSL					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
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)				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 ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.00 ± 0.15 Kg/cm ²	3.00	
			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	87/87	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:				Make		
i.	BRAKE EQUIPMENT				FAIVELEY		
iii.	BIO TOILET				M K PRECISION, JSL		
iv.	SEAT & BERTH				ADVANCE		
v.	BODY SIDE DOORS				JVR		
vi.	SALOON COMPTT DOORS				--		
vii.	VESTIBULE SLIDING DOOR				HP		
viii.	WATER TANKS				RUBICONE		
ix	UIC VESTIBULE				SSIPL		
x	LUGGAGE RACK				RAIL TECH		
XI	FLOOR BOARD				TWPL		
XII	PVC				RESPONSIVE		
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	
			7011		NR		LWSCZ		173607		19-09-2016	
11.1	Wheel & Axle Details:		PP Side					NPP Side				
	i.	Bogie No.	166824					166825				
	ii.	Frame No.	FIAT-5185					FIAT-5134				
	iii.	Bolster No.	6160-GT					6173-GT				
	iv.	Axle No.	P-9714		P-3175			N-6489		K-2808		
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00	917.00
	vi.	Wheel Disc No.	05029-6QH3	06734-6QH6	06175-6QK7	04306-6QJ7	00741-6QJ9	03816-6QJ3	04716-6QG3	00046-6QH5		
	vii.	R.B. Nos.	01684	01903	01775	02286	03459	03294	01781	01419		
	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.	RSK-16-5-305	GBD-16-6-68	RSK-16-5-453	GBD-16-6-02	RSK-16-5-838	GBD-16-6-464	RSK-16-5-1040	GBD-16-6-55			
ii.	Ht. at test load	511	468	512	466	512	464	511	468			
iii.	Align .deviation	5	7	9	10	7	10	8	11			
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-16-3			RSK-16-3			RSK	
	iii.	Primary Damper			3231,2975,3083,3131			3245,3189,3194,3149			KNORR	
	iv.	Secondary damper			0443,0441			0447,0135			SV	
	v.	Lateral Damper			0312			454			SV	
	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	
	xii.	Traction lever make									SARITA	
	xiii.	Ball joint traction lever									SGA	
	xiv.	Traction centre elastic									GMT	
	xv.	Secondary rubber pad									TECSPACK	
	xvi.	Rubber spring									GMT	
	xvii.	Anti roll bar make									SARITA	
	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.	7002	DISPATCH DATE				13.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173604	
3.	Booked to	SSE/C&W/NDL					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
	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)	SANROK	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 ²	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 0.15 Kg/cm ²	3.00		
			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	88/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			FAIVELEY		
	iii.	BIO TOILET			RAIL TECH		
	iv.	SEAT & BERTH			ADVANCE		
	v.	BODY SIDE DOORS			JVR, SUKATA		
	vi.	SALOON COMPTT DOORS			--		
	vii.	VESTIBULE SLIDING DOOR			HANSPAL		
	viii.	WATER TANKS			RUBICONE, RAIL FAB		
	ix	UIC VESTIBULE			SSIPL		
	x	LUGGAGE RACK			HANSPAL		
	XI	FLOOR BOARD			TWPL		
	XII	PVC			RESPONSIVE		
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176536537

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7002	NR	LWSCE	173604/C	13-JUL-17			
11.1	Wheel & Axle Details:								
i.	Bogie No.	176536			176537				
ii.	Frame No.	FIAT-5539			SCI-027				
iii.	Bolster No.	GI-6971			F-7055				
iv.	Axle No.	R-2310		R-2612	W-2882	S-9439			
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
vi.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
vii.	Wheel Disc No.	00148-6204	00031-6204	00140-7259	00012-7250	00053-7259	00063-7250	00046-7250	00151-6212
viii.	RB Nos.	08548	09397	08337	08382	08979	09436	08569	09262
ix.	RB Make	TIMKEN		TIMKEN	TIMKEN		TIMKEN		
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	Secondary suspension load deflection Values:								
Description	Lateral Damper Side		Non-Lat. Damper Side		Lateral Damper Side		Non-Lat. Damper Side		
	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & Nos.	RSK-16-10-023	GBD-17-04-05	RSK-16-10-099	GBD-17-04-079	RSK-16-10-043	GBD-17-04-06	RSK-16-10-059	GBD-17-04-08
ii.	Ht. at lest load	509.00	468.00	511.00	468.00	512.00	466.00	512.00	467.00
iii.	Align. deviation	5.00	6.00	8.00	6.00	13.00	11.00	15.00	12.00
11.3	Items traceability:								
Sno.	Item						Make		
i.	Primary Outer Spring	FSK-17-03			FSK-17-03		FSK		
ii.	Primary inner Spring	FSK-17-03			FSK-17-03		FSK		
iii.	Primary Damper	33190, 33146, 33350, 33437			33332, 34137, 33329, 33444		KONI		
iv.	Secondary Damper	071, 105			032, 022		GABRIEL		
v.	Lateral Damper	144			104		GABRIEL		
vi.	Break cylinder & Caliper	G16274,G16189, G16275,G16179			M16435,N16029, M16436,N16030		FTI		
vii.	Break Disc						KBI		
viii.	Control arm top						KUMAR		
ix.	Control arm bottom						KUMAR		
x.	top rubber Pad						GMT		
xi.	Vertical Bump Stop						GMT		
xii.	Ball Joint Control arm						MGR		
xiii.	Lateral Bump stop						GMT		
xiv.	Traction center make						EMSON		
xv.	Traction lever make						SARITA		
xvi.	Ball joint traction lever						SCA		
xvii.	Traction center elastic						SCA		
xviii.	Secondary rubber pad						DUREL		
xix.	Rubber spring						GMT		
xx.	Anti roll bar make						EMSON		
xxi.	Ball joint roll link						SARITA		
xxii.	Fork make						RNC		
11.4	i.	Modification/Trail (if any):	NIL						
	ii.	Deviations (if any):	NIL						

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7009	DISPATCH DATE				23.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173615	
3.	Booked to	SSE/C&W/NDLS					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
	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)	SANROK	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 ²	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 0.15 Kg/cm ²	3.00		
			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	88/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			FAIVELEY		
	iii.	CDTS			RAIL TECH, RAIL FAB		
	iv.	SEAT & BERTH			SUKATA		
	v.	BODY SIDE DOORS			SUKATA		
	vi.	SALOON COMPTT DOORS					
	vii.	VESTIBULE SLIDING DOOR			HANSPAL		
	viii.	WATER TANKS			AMIT, RAIL FAB		
	ix	UIC VESTIBULE			ESCORTS		
	x	LUGGAGE RACK					
	XI	FLOOR BOARD			TWPL		
	XII	PVC			RESPONSIVE		
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176573574

11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date		
			7009	NR	LWSCE	173615/C	25-JUL-17		
11.1	Wheel & Axle Details:								
i.	Bogie No.	176573				176574			
ii.	Frame No.	FIAT-5698				FIAT-5777			
iii.	Bolster No.	P-7058				GT-7101			
iv.	Axle No.	V-2057		R-2649		R-2983 S-9721			
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
vi.	Wheel Dia.	917.00	917.00	917.00	917.00	916.00	916.00	917.50	917.00
vii.	Wheel Disc No.	01895-6QH1	04839-6QL0	01421-6QK1	01420-6QK1	05961-6QK3	01538-6QH2	05575-6QMO	05840-6QL9
viii.	RB Nos.	04450	09004	04759	00468	03806	03914	04384	04786
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	Secondary suspension load deflection Values:								
Description		Lateral Damper Side		Non-Lat. Damper Side		Lateral Damper Side		Non-Lat. Damper Side	
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
i.	Make & Nos.	RSK-16-6-148	GBD-17-4-43	RSK-16-9-326	GBD-17-4-42	RSK-16-10-31	GBD-17-4-44	RSK-16-10-396	GBD-17-4-45
ii.	Ht. at lest load	507.00	467.00	508.00	467.00	507.00	468.00	506.00	468.00
iii.	Align. deviation	9.00	12.00	8.00	10.00	12.00	7.00	12.00	6.00
11.3	Items traceability:								
	Sno.	Item					Make		
	i.	Primary Outer Spring	FSK-17-3				FSK		
	ii.	Primary inner Spring	FSK-17-3				FSK		
	iii.	Primary Damper	32861, 32835, 32830, 32760		32766, 32844, 32808, 32828		KONI		
	iv.	Secondary Damper	210, 250				249, 286		
	v.	Lateral Damper	176				150		
	vi.	Break cylinder & Caliper	B17025, B17101, B17126, B17104		B17009, B17084, B17028, B17100		FTI		
	vii.	Break Disc					KBI		
	viii.	Control arm top					KUMAR		
	ix.	Control arm bottom					KUMAR		
	x.	top rubber Pad					GMT		
	xi.	Vertical Bump Stop					GMT		
	xii.	Ball Joint Control arm					GMT		
	xiii.	Lateral Bump stop					GMT		
	xiv.	traction center make					EMSON		
	xv.	Traction lever make					SARITA		
	xvi.	Ball joint traction lever					SCA		
	xvii.	Traction center elastic					GMT		
	xviii.	Secondary rubber pad					DUREL		
	xix.	Rubber spring					GMT		
	xx.	Anti roll bar make					EMSON		
	xxi.	Ball joint roll link					SARITA		
	xxii.	Fork make					RNC		
11.4	i.	Modification/Trail (if any):	NIL						
	ii.	Deviations (if any):	NIL						

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7005	DISPATCH DATE				27.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173609	
3.	Booked to	SSE/C&W/NDLS					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
	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)	SANROK	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 ²	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 0.15 Kg/cm ²	3.00		
			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	89/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			FAIVELEY		
	iii.	CDTS			RAIL TECH, RAIL FAB		
	iv.	SEAT & BERTH			ADVANCE		
	v.	BODY SIDE DOORS			JVR		
	vi.	SALOON COMPTT DOORS			--		
	vii.	VESTIBULE SLIDING DOOR			KALSI		
	viii.	WATER TANKS			AMIT		
	ix	UIC VESTIBULE			ESCORTS		
	x	LUGGAGE RACK			SICO		
	XI	FLOOR BOARD			TWPL		
	XII	PVC			RESPONSIVE		
10.							
	10.1	Modification / Trail (if any):				NIL	
	10.2	Deviations if any:				NIL	



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RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176595607

11. Bogie Details:		Shell No.	Railway		Type	Coach No.	Dispatch Date		
					LWSCE				
11.1 Wheel & Axle Details:									
i.	Bogie No.	176595				176607			
ii.	Frame No.	FIAT-5729				FIAT-5780			
iii.	Bolster No.	P-7091				P-183			
iv.	Axle No.	S - 9789		R - 3126		S - 9815		W - 3185	
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
vi.	Wheel Dia.	916.00	916.00	916.00	916.00	916.00	916.00	916.00	916.00
vii.	Wheel Disc No.	00057-07259	00076-07248	00080-06227	00175-07321	00010-7250	00143-7274	00106-6107	00111-7250
viii.	RB Nos.	08969	04447	08896	04778	03586	03419	04019	03735
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2 Secondary suspension load deflection Values:									
Description		Lateral Damper Side		Non-Lat. Damper Side		Lateral Damper Side		Non-Lat. Damper Side	
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
i.	Make & Nos.	RSK-16-9-934	GBD-17-4-26	RSK-16-9-931	GBD-17-4-95	RSK-16-6-235	GBD-17-4-82	RSK-16-11-613	GBD-17-4-60
ii.	Ht. at lest load	509.00	465.00	509.00	467.00	511.00	468.00	512.00	468.00
iii.	Align. deviation	7.00	7.00	7.00	7.00	9.00	6.00	10.00	7.00
Items traceability:									
11.3		Sno.	Item					Make	
i.	Primary Outer Spring	FSK-17-03		GBD-17-05		FSK		GBD	
ii.	Primary inner Spring	FSK-17-03		FSK-17-03		FSK			
iii.	Primary Damper	32774, 35535, 35880, 32755		36748, 36774, 36786, 35603		KONI			
iv.	Secondary Damper	0498, 0847		186, 193		KNORR		GABRIEL	
v.	Lateral Damper	167		240		GABRIEL			
vi.	Break cylinder & Caliper	B17280, B17017, B17250, B17197		B17114, B17067, B17118, B17039		FTI			
vii.	Break Disc					KBI		FTI	
viii.	Control arm top					KUMAR			
ix.	Control arm bottom					KUMAR			
x.	top rubber Pad					GMT			
xi.	Vertical Bump Stop					GMT			
xii.	Ball Joint Control arm					GMT		MCN	
xiii.	Lateral Bump stop					GMT			
xiv.	Traction center make					EMSON		SARITA	
xv.	Traction lever make					SARITA			
xvi.	Ball joint traction lever					SCA			
xvii.	Traction center elastic					GMT		SCA	
xviii.	Secondary rubber pad					DUREL			
xix.	Rubber spring					GMT			
xx.	Anti roll bar make					EMSON			
xxi.	Ball joint roll link					SARITA			
xxii.	Fork make					EMSON			
11.4		i.	Modification/Trail (if any):	NIL					
		ii.	Deviations (if any):	NIL					

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7008	DISPATCH DATE				31.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173612	
3.	Booked to	SSE/C&W/NDLS					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
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)	SANROK 2017		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 ²		6 –10 sec		6 Sec
			Max Pressure in BC		3.00 ± 0.15 Kg/cm ²		3.00
			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	86/88	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			FAIVELEY			
iii.	CDTS			RAIL TECH, RAIL FAB			
iv.	SEAT & BERTH			ADVANCE			
v.	BODY SIDE DOORS			JVR			
vi.	SALOON COMPTT DOORS			--			
vii.	VESTIBULE SLIDING DOOR			KALSI			
viii.	WATER TANKS			AMIT&RAIL FAB			
ix	UIC VESTIBULE			SSIPL			
x	LUGGAGE RACK			SIDHU			
XI	FLOOR BOARD			TWPL			
XII	PVC			RESPONSIVE			
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176577578

11. Bogie Details:		Shell No.	Railway		Type	Coach No.	Dispatch Date		
					LWSCE				
11.1 Wheel & Axle Details:									
i.	Bogie No.	176577				176578			
ii.	Frame No.	SCI-944				SCI-943			
iii.	Bolster No.	GI-7103				F-7106			
iv.	Axle No.	S-2878		Y-1615		W-8594		V-1829	
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
vi.	Wheel Dia.	916.00	916.00	916.50	917.00	916.50	916.00	917.00	917.00
vii.	Wheel Disc No.	01416-6QK1	01667-6QH1	02252-6QG7	03417-6QG8	00658-6MG6	08563-6QG4	01693-6QL1	04837-6QL0
viii.	RB Nos.	04121	04811	04715	04447	09040	08795	08788	08914
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2 Secondary suspension load deflection Values:									
Description		Lateral Damper Side		Non-Lat. Damper Side		Lateral Damper Side		Non-Lat. Damper Side	
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
i.	Make & Nos.	RSK-16-09-081	GBD-17-04-101	RSK-16-09-18	GBD-17-04-112	RSK-16-09-183	GBD-17-04-089	RSK-16-09-375	GBD-17-04-114
ii.	Ht. at lest load	508.00	468.00	510.00	467.00	512.00	468.00	512.00	464.00
iii.	Align. deviation	5.00	7.00	8.00	10.00	6.00	11.00	6.00	11.00
Items traceability:									
11.3									
Sno.	Item					Make			
i.	Primary Outer Spring	FSK-17-03				FSK			
ii.	Primary inner Spring	FSK-17-03				FSK			
iii.	Primary Damper	32873, 32523, 32462, 32810		32545, 32823, 32846, 32854		KONI			
iv.	Secondary Damper	251, 198				290, 281			
v.	Lateral Damper	136				134			
vi.	Break cylinder & Caliper	M16163, M16367, M16166, M16366				M16304, M16024, M16300, M16436			
vii.	Break Disc					KBI			
viii.	Control arm top					KUMAR			
ix.	Control arm bottom					KUMAR			
x.	top rubber Pad					GMT			
xi.	Vertical Bump Stop					GMT			
xii.	Ball Joint Control arm					GMT			
xiii.	Lateral Bump stop					GMT			
xiv.	Traction center make					EMSON			
xv.	Traction lever make					SARITA			
xvi.	Ball joint traction lever					SCA			
xvii.	Traction center elastic					GMT			
xviii.	Secondary rubber pad					DUREL			
xix.	Rubber spring					GMT			
xx.	Anti roll bar make					EMSON			
xxi.	Ball joint roll link					SARITA			
xxii.	FORK make					RNC			
11.4									
i.	Modification/Trail (if any):	NIL							
ii.	Deviations (if any):	NIL							

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7014	DISPATCH DATE				15.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173613	
3.	Booked to	SSE/C&W/NDLS					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
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)	SANROK		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 ²		6 –10 sec	6 Sec	
			Max Pressure in BC		3.00 ± 0.15 Kg/cm ²	3.00	
			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	87/88		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			FAIVELEY			
iii.	BIO-TOILET			RAIL TECH			
iv.	SEAT & BERTH			ADVANCE			
v.	BODY SIDE DOORS			JVR&SUKATA			
vi.	SALOON COMPTT DOORS			--			
vii.	VESTIBULE SLIDING DOOR			HP			
viii.	WATER TANKS			RUBICON &RAIL FAB			
ix	UIC VESTIBULE			SSIPL			
x	LUGGAGE RACK			RAIL TECH			
XI	FLOOR BOARD			TWPL			
XII	PVC			RESPONSIVE			
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176337500

11. Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date				
		7014	NR	LWSCE	173613/C	15-JUL-17				
11.1 Wheel & Axle Details:										
i.	Bogie No.	176337			176500					
ii.	Frame No.	FIAT-5611			ECBT-062					
iii.	Bolster No.	P-6245			P-7021					
iv.	Axle No.	W-3159		W-2920	R-3421	T-0060				
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	
vi.	Wheel Dia.	918.00	918.00	916.00	916.00	916.00	916.00	916.00	916.00	
vii.	Wheel Disc No.	00159-7274	00031-6212	00131-6134	00129-6201	00148-6068	00149-7259	00110-6225	00094-6176	
viii.	RB Nos.	77528	77529	77109	79578	03110	03272	01215	02895	
ix.	RB Make	SKF		SKF	TIMKEN		TIMKEN			
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING								
11.2 Secondary suspension load deflection Values:										
Description		Lateral Damper Side		Non-Lat. Damper Side		Lateral Damper Side		Non-Lat. Damper Side		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & Nos.	RSK-16-5-793	GBD-16-10-282	RSK-16-5-939	GBD-16-10-236	RSK-16-10-448	GBD-17-4-185	RSK-16-10-16	GBD-17-4-62	
ii.	Ht. at lest load	510.00	466.00	512.00	467.00	510.00	466.00	512.00	468.00	
iii.	Align. deviation	7.00	12.00	3.00	10.00	11.00	12.00	10.00	10.00	
Items traceability:										
11.3		Sno. Item				Make				
i.	Primary Outer Spring	GBD-16-12			FSK-17-03		GBD	FSK		
ii.	Primary inner Spring	RSK-14-5			FSK-15-3		RSK	FSK		
iii.	Primary Damper	35778, 35568, 35810, 35777			33908, 33913, 33829, 33937		KONI			
iv.	Secondary Damper	0658, 0168			30, 06		SV	GABRIEL		
v.	Lateral Damper	0108			101		SV	GABRIEL		
vi.	Break cylinder & Caliper	L16075, L16042, L16077, L16091			L16081, K16085, L16084, K16284		FTI			
vii.	Break Disc						KBI			
viii.	Control arm top						KUMAR			
ix.	Control arm bottom						KUMAR			
x.	top rubber Pad						SGA			
xi.	Vertical Bump Stop						GMT			
xii.	Ball Joint Control arm						GMT			
xiii.	Lateral Bump stop						GMT			
xiv.	Traction center make						EMSON			
xv.	Traction lever make						SARITA			
xvi.	Ball joint traction lever						MGN	SGA		
xvii.	Traction center elastic						GMT	MGN		
xviii.	Secondary rubber pad						TECSPAK			
xix.	Rubber spring						GMT			
xx.	Anti roll bar make						EMSON			
xxi.	Ball joint roll link						SARITA			
xxii.	Fork make						RNC			
11.4		i. Modification/Trail (if any):				NIL				
		ii. Deviations (if any):				NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7003	DISPATCH DATE				13.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173605	
3.	Booked to	SSE/C&W/NDSL					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
	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)	SANROK	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 ²	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 0.15 Kg/cm ²	3.00		
			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	87/88		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		FAIVELEY			
	iii.	BIO TOILET		RAIL TECH			
	iv.	SEAT & BERTH		ADVANCE			
	v.	BODY SIDE DOORS		JVR, SUKATA			
	vi.	SALOON COMPTT DOORS		--			
	vii.	VESTIBULE SLIDING DOOR		HP			
	viii.	WATER TANKS		AMIT, RAIL FAB			
	ix	UIC VESTIBULE		SSIPL			
	x	LUGGAGE RACK		HANSPAL			
	XI	FLOOR BOARD		TWPL			
	XII	PVC		RESPONSIVE			
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			
			7003	NR	LWSCZ	173605	04-03-2017			
11.1	Wheel & Axle Details:									
	i.	Bogie No.	176192				176194			
	ii.	Frame No.	SCI/FM-825				SCI/FM-821			
	iii.	Bolster No.	6715-P				6708-P			
	iv.	Axle No.	N-0503		S-2955		N-6103		S-9673	
	v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
	vi.	Wheel Dia.	917.00	916.50	917.00	917.00	917.00	917.00	916.00	916.00
	vii.	Wheel Disc No.	00032/6 212	00022/6 187	00035/62 18	00023/6 203	00185/6 217	00076/6 216	00115/61 98	00099/6 110
	viii.	R.B. Nos.	76754	25890	78098	84049	23543	24306	78868	77120
	ix.	R.B. Make	SKF		SKF		SKF		SKF	
	x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2	Secondary suspension load deflection Values:									
	Description	Lateral Damper Side		Non Lat. Damper side		Lateral Damper Side		Non Lat.Damper side		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	FSK-16-1-092	GBD-16-12-013	FSK-16-1-017	GBD-16-12-185	FSK-16-1-015	GBD-16-10-121	FSK-16-5-090	GBD-16-10-093	
ii.	Ht. at test load	511.50	468	510	468	507.50	467	509	467	
iii.	Align .deviation	07	08	07	07	11	11	8	9	
11.3	Items traceability:									
	Sno.	Item							Make	
	i.	Primary Outer Spring			GBD-16-12		GBD-16-12		GBD	
	ii.	Primary inner Spring			G-12-6		G-12-6		GF	
	iii.	Primary Damper			35641,35450,35697,33227		35682,35643,35862,35737		KONI	
	iv.	Secondary damper			0113,0397		0142,0182		SV	
	v.	Lateral Damper			0257		0681		SV	
	vi.	Brake cylinder & Caliper							-----	
	vii.	Brake Disc							KBI,FTI	
	viii.	Control arm top							KUMAR	
	ix.	Control arm bottom							KUMAR	
	x.	Top Rubber Pad							GMT	
	xi.	Vertical Bump Stop							GMT	
	xii.	Ball joint Control arm							MGN	
	xiii.	Lateral Bump stop							GMT	
	xiv.	Traction center make							EMSON	
	xv.	Traction lever make							SARITA	
	xvi.	Ball joint traction lever							SGA,MGN	
	xvii.	Traction centre elastic							SGA	
	xviii.	Secondary rubber pad							TECSPAK	
	x ix.	Rubber spring							GMT	
	x x.	Anti roll bar make							EMSON	
	x xi.	Ball joint roll link							SARITA	
	x xii.	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.	7013	DISPATCH DATE				11.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173608	
3.	Booked to	SSE/C&W/NDL					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
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)	SANROK		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 ²		6 –10 sec		6 Sec
			Max Pressure in BC		3.00 ± 0.15 Kg/cm ²		3.00
			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	88/86	
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			FAIVELEY			
iii.	BIO TOILET			RAIL TECH			
iv.	SEAT & BERTH			ADVANCE			
v.	BODY SIDE DOORS			JVR, SUKATA			
vi.	SALOON COMPTT DOORS			--			
vii.	VESTIBULE SLIDING DOOR			HP			
viii.	WATER TANKS			RUBICONE			
ix	UIC VESTIBULE			SSIPL			
x	LUGGAGE RACK			HANSPAL			
XI	FLOOR BOARD			TWPL			
XII	PVC			RESPONSIVE			
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			
			7013	NR	LWSCZ	173608	24-09-2016			
11.1	Wheel & Axle Details:		PP Side				NPP Side			
	i.	Bogie No.	166850				166851			
	ii.	Frame No.	FIAT-5093				FIAT-5109			
	iii.	Bolster No.	6195-GT				6091-GT			
	iv.	Axle No.	P-9514		N-6799		P-9755		K-2848	
	v.	Wheel Dia.	917.00	917.00	917.00	917.00	917.00	917.50	917.00	917.00
	vi.	Wheel Disc No.	7196-00080	7196-00158	07275-00169	07283-00179	7301-00090	7301-00172	06828-6QH7	00019-6QH5
	vii.	R.B. Nos.	02126	01620	01492	01418	03203	02006	02454	01255
	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.	RSK-16-6-1083	ABOK-16-9-24	RSK-16-6-606	ABOK-16-9-22	RSK-16-6-883	ABOK-16-9-21	RSK-16-6-765	ABOK-16-9-17	
ii.	Ht. at test load	510	468	509	468	512	468	510	468	
iii.	Align .deviation	12	10	15	14	7	7	11	8	
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-14-5		RSK-14-5		RSK	
	iii.	Primary Damper			2891,2893,3118,3183		3029,2888,3143,3028		KNORR	
	iv.	Secondary damper			0290,0315		0556,0167		SV	
	v.	Lateral Damper			0227		137		SV	
	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	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							SGA	
	xiv.	Traction centre elastic							GMT	
	xv.	Secondary rubber pad							TECSPACK	
	xvi.	Rubber spring							GMT	
	xvii.	Anti roll bar make							SARITA	
	xviii.	Ball joint roll link							SARITA	
	xix.	Fork make							SARITA	
11.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				

LWSCZ-7013



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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7004	DISPATCH DATE				21.07.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173606	
3.	Booked to	SSE/C&W/NDSL					
4.	Tare Weight of Coach	40.5 T					
5.	Carrying Capacity	Seating	106	Sleeping	NIL	Luggage	NIL
6.	Shell Details: (LJ90001))						
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)	SANROK		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 ²		6 –10 sec	6 Sec		
		Max Pressure in BC		3.00 ± 0.15 Kg/cm ²	3.00		
		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	88/87		
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:					Make	
i.	BRAKE EQUIPMENT				FAIVELEY		
iii.	BIO TOILET				RAIL TECH,RAIL FAB		
iv.	SEAT & BERTH				ADVANCE		
v.	BODY SIDE DOORS				JVR, SUKATA		
vi.	SALOON COMPTT DOORS				--		
vii.	VESTIBULE SLIDING DOOR				SSIPL		
viii.	WATER TANKS				AMIT, RAIL FAB		
ix	UIC VESTIBULE				SSIPL		
x	LUGGAGE RACK				SIDHU		
XI	FLOOR BOARD				TWPL		
XII	PVC				RESPONSIVE		
10.							
10.1	Modification / Trail (if any):				NIL		
10.2	Deviations if any:				NIL		



रेल डिब्बा कारखाना
RAIL COACH FACTORY, KAPURTHALA

Bogie Pair ID: 176570571

11. Bogie Details:		Shell No.	Railway		Type	Coach No.	Dispatch Date		
		7004	NR		LWSCE	173606/C	21-JUL-17		
11.1 Wheel & Axle Details:									
i.	Bogie No.	176570				176571			
ii.	Frame No.	FIAT-5747				FIAT-5740			
iii.	Bolster No.	GI-7086				P-7006			
iv.	Axle No.	W-8644		Y-1325		S-9708		P-9591	
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side
vi.	Wheel Dia.	916.00	916.00	917.00	917.00	916.50	917.00	917.00	917.00
vii.	Wheel Disc No.	08292-6QM4	06975-6QH4	05841-6QL9	05376-6QM0	01694-6QHL	04838-6QL0	01811-6QL8	03147-6QL1
viii.	RB Nos.	09064	03849	03774	03407	08303	09149	09321	08983
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
11.2 Secondary suspension load deflection Values:									
Description		Lateral Damper Side		Non-Lat. Damper Side		Lateral Damper Side		Non-Lat. Damper Side	
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner
i.	Make & Nos.	RSK-16-9-372	GBD-17-4-20	RSK-16-9-048	GBD-17-4-041	RSK-16-9-425	GBD-17-4-205	RSK-16-9-204	GBD-17-4-019
ii.	Ht. at lest load	509.00	467.00	511.00	467.00	509.00	467.00	509.00	467.00
iii.	Align. deviation	8.00	11.00	8.00	11.00	7.00	6.00	8.00	9.00
Items traceability:									
11.3									
Sno.	Item					Make			
i.	Primary Outer Spring	FSK-17-03				FSK			
ii.	Primary inner Spring	FSK-17-03				FSK			
iii.	Primary Damper	32837, 32842, 32803, 32881		32840, 32845, 32793, 32858		KONI			
iv.	Secondary Damper	254, 285				GABRIEL			
v.	Lateral Damper	127				GABRIEL			
vi.	Break cylinder & Caliper	B17030, B17083, B17010, B17100B				FTI			
vii.	Break Disc					KBI			
viii.	Control arm top					KUMAR			
ix.	Control arm bottom					KUMAR			
x.	top rubber pad					GMT			
xi.	Vertical Bump Stop					GMT			
xii.	Ball Joint Control arm					GMT			
xiii.	Lateral Bump stop					GMT			
xiv.	Traction center make					EMSON			
xv.	Traction lever make					SARITA			
xvi.	Ball joint traction lever					MCN			
xvii.	Traction center elastic					SGA			
xviii.	Secondary rubber pad					DUREL			
xix.	Rubber spring					GMT			
xx.	Anti roll bar make					EMSON			
xxi.	Ball joint roll link					SARITA			
xxii.	FORK make					RNG			
11.4									
i.	Modification/Trail (if any):	NIL							
ii.	Deviations (if any):	NIL							

LWSCZ 7004