



रेल डिब्बा क रखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7007	DISPATCH DATE			23/08/17
2.	Railway	NR	Type	LWSCZ	Coach No.	173611
3.	Booked to	SSE/C&W/LKO				
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)	CBC Height		Specified : 1105 +0 /-15 mm		1105	1105
v)	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 <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	86/87
8.2	APPLICATION OF PCN-123		SATISFACTORY			
8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:					Make
i.	BRAKE EQUIPMENT		FAVELLY			
iii.	BIO-TOILET		RAIL FAB			
iv.	SEAT & BERTH		ADVANCE SILICON			
v.	BODY SIDE DOORS		JVR			
vi.	VESTIBULE SLIDING DOOR		KALSI			
VII	WATER TANKS		AMIT ENGINEERS			
VIII	UIC VESTIBULE		ESCORT			
IX	LUGGAGE RACK		SIDHU			
X	FLOOR BOARD		TWPL			
XI	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: 176588589

11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
			7007	NR	LWSCE	173611/C	23-AUG-17			
11.1	<b>Wheel &amp; Axle Details:</b>									
i.	Bogie No.	176588			176589					
ii.	Frame No.	FIAT-5741			FIAT-5703					
iii.	Bolster No.	P-7097			GT-7100					
iv.	Axle No.	S - 9742		S - 9852	T - 0074		S - 9489			
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	917.00	917.00	917.00	917.00	
vii.	Wheel Disc No.	8574-6QG9	04458-6QL3	01690-6QH1	06692-6QH1	01422-6QK1	08723-6QJ5	00053-7250	00077-7248	
viii.	RB Nos.	04634	04443	04515	04342	08772	03123	09174	08899	
ix.	RB Make	TIMKEN			TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	JIC CARTRIDGE TAPER ROLLER BEARING								
11.2	<b>Secondary suspension load deflection Values:</b>									
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-16-09-288	GBD-17-04-039	RSK-16-09-945	GBD-17-04-035	RSK-16-09-920	GBD-17-04-038	RSK-16-09-145	GBD-17-04-040	
ii.	Ht. at rest load	505.00	466.00	507.00	468.00	506.00	468.00	508.00	468.00	
iii.	Align. deviation	16.00	11.00	16.00	11.00	11.00	6.00	13.00	10.00	
<b>Items traceability:</b>										
11.3	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	32867, 34128, 32814, 36519	32776, 32805, 36230, 32876			KONI			
	iv.	Secondary Damper	206, 208		205, 197		GABRIEL			
	v.	Lateral Damper	160		157		GABRIEL			
	vi.	Break cylinder & Caliper	M16148, M16383, M16146, M16373	M16014, M16315, M16006, M16314			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		MCN	
	xiv.	Traction center make					EMSON			
	xv.	Traction lever make					SARITA			
	xvi.	Ball joint traction lever					SGA			
	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					KMG			
11.4	i.	Modification/Trail (if any):	NIL							
	ii.	Deviations (if any):	NIL							

Lscz-7007



रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7006	DISPATCH DATE				<b>22/08/17</b>
2.	Railway	<b>NR</b>	Type	<b>LWSCZ</b>	Coach No.	<b>173610</b>	
3.	Booked to	<b>SSE/C&amp;W/LKO</b>					
4.	Tare Weight of Coach	<b>40.5 T</b>					
5.	Carrying Capacity	Seating	106	<b>Sleeping</b>	<b>NIL</b>	Luggage <b>NIL</b>	
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)	CBC Height	Specified : 1105 +0 /-15 mm	1105	1105		
	v)	CBC (Make )	<b>SANROK</b>	<b>Fiba Device</b>	<b>NA</b>		
7.	Air Brake Testing:		Description	Specified	Observed		
	7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm <sup>2</sup>	6 –10 sec	6 Sec		
			Max Pressure in BC	3.00 ± 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	<b>PU PAINT</b>	<b>GS</b>	<b>86/88</b>		
	8.2	APPLICATION OF PCN-123	<b>SATISFACTORY</b>				
	8.3	INSUALTION	<b>SATISFACTORY</b>				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		<b>FAVELLY</b>			
	iii.	BIO-TOILET		<b>RAIL FAB</b>			
	iv.	SEAT & BERTH		<b>ADVANCE SILICON</b>			
	v.	BODY SIDE DOORS		<b>JVR</b>			
	vi.	VESTIBULE SLIDING DOOR		<b>KALSI</b>			
	VII	WATER TANKS		<b>AMIT ENGINEERS</b>			
	VIII	UIC VESTIBULE		<b>ESCORT/SSIPL</b>			
	IX	LUGGAGE RACK		<b>SIDHU</b>			
	X	FLOOR BOARD		<b>TWPL</b>			
	XI	PVC		<b>RESPONSIVE</b>			
10.							
	10.1	Modification / Trail (if any):			NIL		
	10.2	Deviations if any:			NIL		



**रेल डिब्बा कारखाना**  
**RAIL COACH FACTORY, KAPURTHALA**

Bogie Pair ID: 176576579

11.	<b>Bogie Details:</b>	Shell No.	Railway	Type	Coach No.	Dispatch Date				
				LWSCE						
11.1	<b>Wheel &amp; Axle Details:</b>									
i.	Bogie No.	176576			176579					
ii.	Frame No.	ECBT-085			FIAT-5707					
iii.	Bolster No.	P-7089			P-7087					
iv.	Axle No.	R-3150		R-2292	Y-1736					
v.	Items/locations	Earthing end side	Phonic wheel side	Phonic wheel side	Plane side	Earthing end side				
						Phonic wheel side				
						Plane side				
vi.	Wheel Dia.	916.00	916.00	917.00	917.00	916.00				
vii.	Wheel Disc No.	00100-6QH5	02254-6QG7	06974-6QJ4	05957-6QK1	03419-6QG8				
						03418-6QL4				
						01668-6QH1				
viii.	RB Nos.	04480	04595	04320	04391	04736				
						04801				
						04468				
						04800				
ix.	RB Make	TIMKEN		TIMKEN	TIMKEN					
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING								
11.2	<b>Secondary suspension load deflection Values:</b>									
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-16-9-350	GBD-17-04-179	RSK-16-09-10	GBD-17-04-109	FSK-16-10-191	GBD-17-4-105	FSK-16-06-325	GBD-17-4-108	
ii.	Ht. at lest load	509.00	466.00	511.00	466.00	511.00	468.00	512.00	467.00	
iii.	Align. deviation	18.00	6.00	21.00	7.00	14.00	11.00	13.00	10.00	
	<b>Items traceability:</b>									
11.3	<b>Sno. Item</b>						<b>Make</b>			
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	32562, 32806, 32786, 32812			32866, 32799, 32863, 32843		KONI			
iv.	Secondary Damper	288, 280			202, 282		GABRIEL			
v.	Lateral Damper	146			173		GABRIEL			
vi.	Break cylinder & Caliper	B17058, B17057, B17050, B17085			M16445, N16048, M16446, N16345		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		SGA	
xvii.	Traction center elastic						GMT		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							

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Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7016	DISPATCH DATE				04.08.2017
2.	Railway	NR	Type	LWSCZ	Coach No.	173614	
3.	Booked to	SSE/C&W/LKO					
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 <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	86/87		
	8.2	APPLICATION OF PCN-123	SATISFACTORY				
	8.3	INSUALTION	SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT			FAIVELEY		
	iii.	CDTS			RAIL 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			ESCORTS		
	x	LUGGAGE RACK					
	XI	FLOOR BOARD			OVPL		
	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: 176582583

11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date			
		7016	NR	LWSCE	173614/C	04-AUG-17			
<b>11.1 Wheel &amp; Axle Details:</b>									
i.	Bogie No.	176582			176583				
ii.	Frame No.	SCI-941			FIAT-5704				
iii.	Bolster No.	P-6999			GT-6969				
iv.	Axle No.	R-3491		S-3611	R-3261		R-3354		
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.	01458-6QG5	01424-6QK1	01425-6QK1	03144-6QL7	08724-6QJ5	06252-6QG2	01426-6QK1	01423-6QK1
viii.	RB Nos.	04796	03798	04685	03439	03961	04373	03579	03706
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
<b>11.2 Secondary suspension load deflection Values:</b>									
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-16-09-223	GBD-17-4-100	RSK-16-9-218	GBD-17-4-127	RSK-16-09-385	GBD-17-04-99	RSK-16-9-383	GBD-17-4-107	
ii. Ht. at lest load	506.00	465.00	508.00	466.00	510.00	467.00	512.00	467.00	
iii. Align. deviation	15.00	6.00	15.00	6.00	11.00	7.00	13.00	7.00	
<b>Items traceability:</b>									
<b>11.3</b>									
Sno.	Item					Make			
i.	Primary Outer Spring	FSK-17-03				FSK			
ii.	Primary inner Spring	FSK-17-03				FSK			
iii.	Primary Damper	32826, 32869, 32872, 32563		32816, 32813, 32871, 32878		KONI			
iv.	Secondary Damper	204, 281		205, 195		GABRIEL			
v.	Lateral Damper	186		149		GABRIEL			
vi.	Break cylinder & Caliper	L16276,M16376, L16274,M16378		M16001,M16266, M16010,M16269		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 MGN			
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					RUC			
<b>11.4</b>									
i.	Modification/Trail (if any):	NIL							
ii.	Deviations (if any):	NIL							

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Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7010	DISPATCH DATE				08/08/17
2.	Railway	NR	Type	LWSCZ	Coach No.	173616	
3.	Booked to	SSE/C&W/LKO					
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)	CBC Height	Specified : 1105 +0 /-15 mm		1105	1105		
v)	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 <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	87/88		
8.2	APPLICATION OF PCN-123		SATISFACTORY				
8.3	INSUALTION		SATISFACTORY				
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			FAVELLY			
iii.	BIO-TOILET			RAIL FAB			
iv.	SEAT & BERTH			ADVANCE SILICON			
v.	BODY SIDE DOORS			JVR			
vi.	VESTIBULE SLIDING DOOR			KALSI			
VII	WATER TANKS			AMIT ENGINEERS			
VIII	UIC VESTIBULE			ESCORT			
IX	LUGGAGE RACK			SINDH CO.			
X	FLOOR BOARD			OVPL			
XI	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: 176592593

11. Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date				
		7010	NR	LWSCE	173616/C	08-AUG-17				
<b>11.1 Wheel &amp; Axle Details:</b>										
i.	Bogie No.	176592			176593					
ii.	Frame No.	FIAT-5788			FIAT-5742					
iii.	Bolster No.	P-7083			P-7105					
iv.	Axle No.	V-2387		V-1506	N-8120	R-2291				
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	916.50	916.50	917.00	917.00	917.00	917.00	
vii.	Wheel Disc No.	00180-6204	00036-6204	00078-6191	00143-6204	08575-6QG9	03148-6QL7	00099-8185	00088-7251	
viii.	RB Nos.	01897	03213	08887	03997	09216	02204	09230	08809	
ix.	RB Make	TIMKEN		TIMKEN	TIMKEN		TIMKEN			
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING								
<b>11.2 Secondary suspension load deflection Values:</b>										
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-16-9-508	GBD-17-4-011	RSK-16-9-381	GBD-17-4-97	RSK-16-4-065	GBD-17-4-31	RSK-16-9-327	GBD-17-4-104	
ii.	Ht. at lest load	512.00	468.00	510.00	468.00	511.00	468.00	509.00	468.00	
iii.	Align. deviation	10.00	12.00	10.00	10.00	8.00	11.00	6.00	11.00	
<b>Items traceability:</b>										
11.3		<b>Sno. Item</b>				<b>Make</b>				
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	35857, 35850, 35658, 35561		35868, 35899, 35919, 35644		KONI				
iv.	Secondary Damper	273, 203			245, 247		GABRIEL			
v.	Lateral Damper	170			159		GABRIEL			
vi.	Break cylinder & Caliper	B17078, B17127, B17207, B17060			B17107, B17207, B17060, B17127		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									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									RNG
11.4		i. Modification/Trail(if any):				NIL				
		ii. Deviations (if any):				NIL				

LWSCZ-7010





रेल डिब्बा कारखाना, कपूरथला  
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	7024	DISPATCH DATE				02/09/17
2.	Railway	NR	Type	LWSCZ	Coach No.	173621	
3.	Booked to	SSE/C&W/LKO					
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 <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		VIBGYOR	87/89		
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 +RAIL TECH		
iii	SEAT & BERTH				ADVANCE SILICON		
iv.	BODY SIDE DOORS				JVR		
v	VESTIBULE SLIDING DOOR				KALSI		
vi.	WATER TANKS				AMIT		
vii.	UIC VESTIBULE				ESCORT		
viii.	LP SHEET				PUNJAB LAMINATE		
ix	FLOOR BOARD				TWPL		
x	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: 176745746

11.	Bogie Details:		Shell No.	Railway	Type	Coach No.	Dispatch Date			
					LWSCE					
11.1	<b>Wheel &amp; Axle Details:</b>									
i.	Bogie No.	176745				176746				
ii.	Frame No.	ECBT-216				ECBT-229				
iii.	Bolster No.	VI-7256				F-7175				
iv.	Axle No.	N-6906		Y-1768		S-9919		W-3518		
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	916.50	916.00	916.00	915.50	915.50	
vii.	Wheel Disc No.	05570-6QMO	05917-6QK8	04934-6QH3	08429-6QH4	06606-6QML	00328-6QG4	03106-6QL7	06678-6QH6	
viii.	RB Nos.	04511	02941	02998	04621	04156	01851	01849	04574	
ix.	RB Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN		
x.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING								
11.2	<b>Secondary suspension load deflection Values:</b>									
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.	GBD-17-6-106	GBD-17-6-163	GBD-17-6-99	GBD-17-6-179	GBD-17-6-102	GBD-17-6-52	GBD-17-6-44	GBD-17-6-22	
ii.	Ht. at lest load	508.00	468.00	508.00	467.00	509.00	466.00	511.00	466.00	
iii.	Align. deviation	11.00	11.00	10.00	7.00	10.00	12.00	9.00	11.00	
<b>Items traceability:</b>										
11.3	<b>Sno. Item</b>								<b>Make</b>	
i.	Primary Outer Spring	GBD-17-05				GBD-17-05		GBD		
ii.	Primary inner Spring	RSK-14-5				RSK-14-5		RSK		
iii.	Primary Damper	357, 565, 327, 570				330, 326, 428, 427		GABRIEL		
iv.	Secondary Damper	1135, 103				1190, 1234		GEREP		
v.	Lateral Damper	075				077		GABRIEL		
vi.	Break cylinder & Caliper	E17100,D17060, 17090,D17004				C17208,D17069, F17055,E17129		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									SARITA
11.4	i.	Modification/Trail(if any):	NIL							
	ii.	Deviations (if any):	NIL							